"Customer Service is Our Goal"

E-Zee Milking Equipment, LLC

Here to serve the dairy industry

3910 E. Newport Road • Gordonville, PA 17529

2010 Fall Catalog

Milking Equipment and Replacement Aftermarket Parts

"Customer Service is Our Goal"

E-Zee Milking Equipment, LLC

Here to serve the dairy industry

Product Disclaimer ~ 2010

This catalog is a listing of E-Zee's new items along with a few rebuilt items. NOTICE: Some new items are "aftermarket - knockoffs" and are copies of original products. In most cases they will be identified with the word "copy", "aftermarket", or "replacement". Some rebuilt items are rebuilt with "copy" aftermarket parts. These copies are not original to the manufacturer and have not been licensed by, recommended by, or endorsed by the manufacturer. All trademarks and service marks are the property of their respective owners.

E-Zee Milking Equipment, LLC is not an authorized dealer or representative for DeLaval®, Universal®, Germania®, Westfalia®, Surge®, IBA®, Bou-Matic® and Mueller®.

*DeLaval®, Universal®, and Germania® are registered trademarks of DeLaval Inc.

** Surge® and Westfalia® are registered trademarks of Westfalia-Surge Inc.

***Bou-Matic® is a registered trademark of Bou-Matic LLC.

IBA® is a registered trademark of IBA, Inc.

Mueller® is a registered trademark of Paul Mueller Company.

Return Goods

All returned items need to have a copy of the invoice from when the items were originally purchased. Items should be returned within 30 days of the invoice date or a restocking fee of 15% may be applied. E-Zee will not be responsible for any shipping costs on incorrect orders that were placed **without** our part number.

Terms

Our terms are net 30 days with approved credit. If you cannot supply us with a good credit history your order will either have to be sent COD or paid with a credit card before it is shipped.

Warranty Information

E-Zee's warranty covers all material and workmanship defects at the time of the sale. A one year warranty applies to all new products and 30 days on used equipment, unless otherwise noted DISCLAIMER OF WARRANTIES: THE PRODUCTS ARE SOLD WITH NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND NO WARRANTY OF MERCHANTABILITY – THERE ARE NO OTHER WARRANTIES (WHETHER EXPRESS OR IMPLIED) OF ANY KIND other than E-Zee's obligation to either replace the defective product(s) or issue a full credit for any defective product that is received by E-Zee at 3910 East Newport Road, Gordonville, PA 17529 or any of our E-Zee locations, and accompanied by a copy of the original invoice. If any product is not capable of replacement (as E-Zee in its sole discretion may determine), E-Zee will issue a full credit for that product's actual purchase price (not including shipping and handling costs, if any) to the purchasing customer. E-Zee is not responsible for any extra labor charges that are incurred on warranty work. We will not be responsible for any damages, loss, expenses incurred or any other consequential damages, of any kind, that arise from use or the inability to use any of our products. All products are sold with the understanding that the end user will test these products in actual use and determine the adaptability of their intended use.

Ordering/Shipping/Pricing

We will try to ship all orders the same day we receive them, providing we receive them by 12:00 Noon (Eastern Time). Any special orders, phone orders or orders without part numbers will need at least one extra day to process unless you request AIR shipping or ask us to prioritize if an order is urgent.

See Page 132 for our Order Form. NOTE: Prices are subject to change without notice.

PLEASE NOTE: Orders that are under $35.00 are subject to a $5.00 handling charge AND orders that are drop shipped under $50.00 are subject to a $5.00 handling charge.

Main Sales Division.....800-729-4118

Pump Division - John Lapp.....888-304-6276

Takeoff Division - Joe Burkholder.....800-768-6166

Circuit Board Repairs - Omar Esh.....888-768-3928

Receivers & Stainless Welding - Levi Fisher.....800-768-0887

Copy Claws That Fit Germania®

These are excellent replacement claws with a high-polish finish and a large capacity. The window and gaskets interchange with Germania® and DeLaval®. Weight and capacity are almost identical to the original models. Available in 5/8" and 3/4" ID milk outlet.

10050 - 5/8" Lightweight claws, standard/herringbone

10053 - 3/4" Lightweight claws, standard/herringbone

Outside Width 3½"
Inside Width 2½"
Approx. Weight 25 oz

For 3/4" claws use special #10353 air tee

10040 - 5/8" Lightweight claws for parallel, nipples reversed

10043 - 3/4" Lightweight claws for parallel, nipples reversed

Outside Width 3½"
Inside Width 2½"
Approx. Weight 25 oz

Reversed is = to Parallel

California Style Claws

These popular, easy-to-handle vented claws, will give your customers durability and easy milk flow at a very economical price. We stock various styles in 5/8" and 3/4" ID, to suit your customers' needs. See page 11 for air tees. (Windows and gaskets interchange with Germania® and DeLaval®)

"Bottom Unload Claws"

10330 - 5/8" California barrel claw, bottom unload, standard/herringbone

10102 - 3/4" California barrel claw, bottom unload, standard/herringbone

10541 - 5/8" California barrel claw, bottom unload for parallel, nipples reversed

10540 - 3/4" California barrel claw, bottom unload for parallel, nipples reversed

Outside Width 2¾"
Inside Width 1¾"
Approx. Weight 27 oz

"Top Unload Claws"

10107 - 3/4" California barrel claw, top unloading, standard/herringbone

(THIS IS NOT A STOCK ITEM By special quantity order only.)

10103 - 3/4" California barrel claw, top unloading, parallel, nipples reversed

(THIS IS NOT A STOCK ITEM By special quantity order only.)

Outside Width 2¾"
Inside Width 1¾"
Approx. Weight 27 oz

Reversed is = to Parallel

Copy Parts for California and Germania®

10042 - Replacement window for DeLaval®, Germania®, or California
10044 - Replacement white gaskets for DeLaval®, Germania®, or California
10046 - Replacement window clips DeLaval®, Germania®, or California
10048 - Replacement white plugs for Germania®, 5/8"
10049 - Replacement white plugs for Germania®, 3/4"

See page 11 for our full line of our air tees, including the wider ¾" version.

Copy Claws and Parts That Fit DeLaval®

Super Lite Copy Claws

10876 - Complete claw ***with valve*** - *with #10895 bowl*
10875 - Complete claw ***without valve*** - *with #10894 bowl*
10887 - Claw top - less bowl kit
Includes: air chamber, gaskets, hanger and screws
10886 - Stainless claw top, ONLY

Complete Original USED Super Claws

111175 - **USED** claw ***with valve*** and with #10895 bowl
111168 - **USED** claw ***without valve*** and with #10894 bowl

Copy Parts For Original Super Claws/Super Lite Claws

Also called Super Flo and Super Flo Lite

10873 - Bowl gasket for original Super claw
10881 - Bumper for Super claw
10884 - Air chamber for Super Lite claw
10899 - Gasket for Super Lite air chamber
10885 - Top stainless hanger with loop for Super Flo lite
10883 - Screw that fits Super Lite claw top
10882 - Clear plastic vent for Super claw ***(larger vent)***
10864 - Shutoff clip
03115 - ORIGINAL white shutoff ***(830624202 DL)***

Copy Parts for E-Zee Copy Super claw ONLY

These parts DO NOT interchange with the original

10877 - Complete claw ***with valve*** - with #10878 bowl kit
10878 - Complete Super bowl kit
10890 - Super bowl only **with valve hole**
10891 - Thicker gasket with lip for copy Super bowl
10861 - Shutoff for copy Super bowl

Copy Super Bowl ONLY

10894 - Super bowl, ***without valve***
10895 - Super bowl, ***with valve***
(interchanges with the white shutoff)

Copy Super Bowl Kit

10896 - Kit, ***without valve***
Includes: Bowl, gasket and bumper

10897 - Kit ***with valve***,
Includes: Bowl, gasket, bumper and shutoff
(interchanges with the white shutoff)

Copy Parts That Fit All DL

23105 - Rubber Y to convert to single pulsation

23106 - Plastic insert for rubber Y

Complete Copy Flow-View Style Claws

10867 - Alternating Flow-View claw with copy bowl, 180 cc
10868 - Alternating Flow-View claw with new original 5/8th bowl

Copy and Original Parts For Flow-View Claws

10869 - Alternating stainless top only for Flow-Veiw claw, copy
10863 - Complete Flow-View bowl kit, 180 cc, copy ***Includes: bowl, gasket, bumper, shutoff and rubber lock***
10860 - Bowl only for Delaval® style Flow-View claw, 180 cc, copy
10865 - Bowl gasket for COPY Flo-View bowl, copy
10866 - Bowl gasket for ORIGINAL Flo-View bowl, copy ***(No stretching needed)***
10861 - Shutoff for COPY Flow-View bowl, copy
10870 - Bumper for COPY Flow-View claw, copy
10888 - White vent for old original style Flo Vu claw, copy (smaller vent)
03145 - ORIGINAL Flo Vu bowl KIT, ***with valve*** and copy rubber parts
03140 - ORIGINAL Flo Vu bowl ONLY, ***with valve hole*** (99670084 DL)
03143 - ORIGINAL Flo Vu bumper (98588701 DL)

Copy Claws and Parts That Fit Harmony®

10840 - Complete New Style Claw with valve

Copy Parts For New Style Harmony®

10845 - Complete replacement kit for Harmony® claw
Includes: top, liner support, both gaskets, shutoff, and shutoff clip

10850 - Replacement tops for Harmony® - New style

10825 - Top for NEW style Harmony®, ***without valve hole plugged*** (not pictured)

10828 - Kit for new style Harmony®, ***with valve hole plugged***, includes support

10864 - New style shutoff clip for Harmony®

10856 - Inner gasket for Harmony® bowl

10853 - Outer gasket for Harmony® bowl, new style

10848 - Liner support for new style Harmony®

10839 - Vent for new style Harmony®

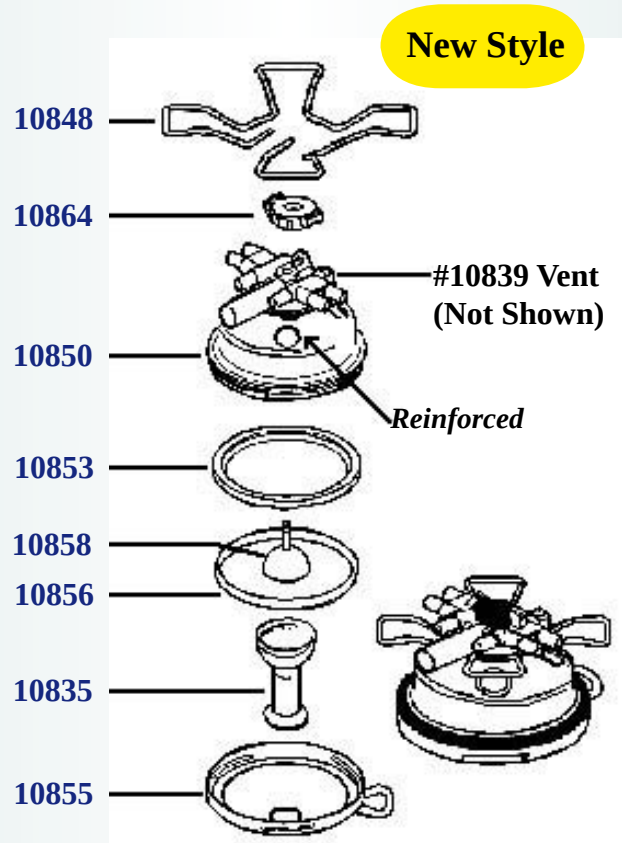
10858 - Shutoff for Harmony® bowl

10835 - Center milk tube for Harmony®

112860 - Used original stainless base

10851 - Takeoff loop (Not Pictured)

10829 - Plug to convert claw with shutoff hole to without hole (Not Pictured)



Copy Parts That Fit Old Style Harmony®

10843 - Kit, **NO LONGER AVAILABLE**
Option is to Order Update kit **10845**
(as listed above)

10859 - Top Only, **NO LONGER AVAILABLE NEW**
Option is to Order Update kit **10845**
(as listed above)
or we have used Old Style tops **112800**

10857 - Old style thick shutoff clip for Harmony®

10856 - Inner gasket for Harmony® bowl

10854 - Outer gasket for Harmony® bowl, old style

112855 - **USED** liner support for old style Harmony®

10858 - Shutoff for Harmony® bowl

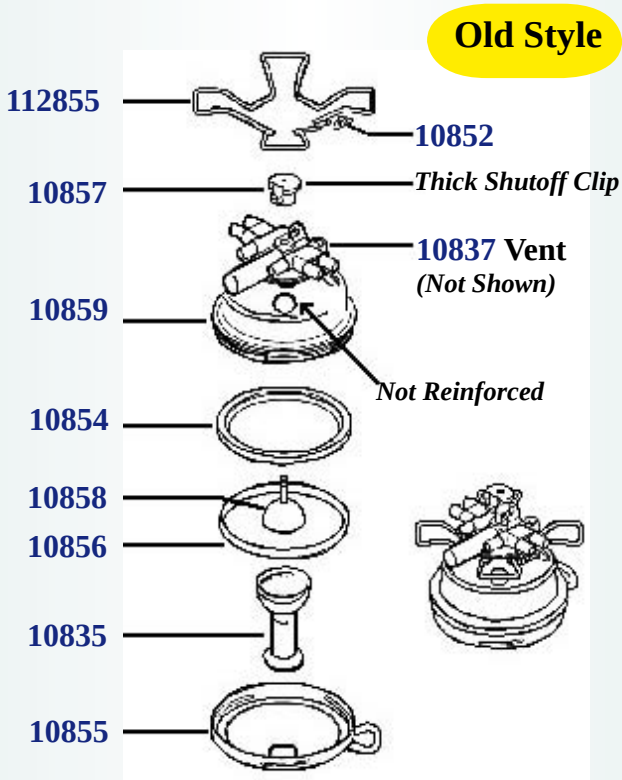
10837 - Vent for old style Harmony®

10835 - Center milk tube for Harmony®

112860 - Used original stainless base

10851 - Takeoff loop

10852 - Side clip



Kleen-Flo® Claws with Radel Plastic Bowls

Copy Claws without valves, vented

	Twin	x	Air	Stainless Air Chamber
13304	9/32”	x	9/32”	Side to side
13305	9/32”	x	9/32”	Back to front
13306	3/8”	x	1/4”	Back to front
13307	3/8”	x	9/32”	Back to front
13314	1/4”	x	1/4”	Back to front

	Twin	x	Air	Plastic Air Chamber
13300	9/32”	x	9/32”	Side to side
13312	9/32”	x	9/32”	Back to front

Copy Claws with valves, vented

	Twin	x	Air	Stainless Air Chamber
14326	9/32”	x	9/32”	Side to side
14327	9/32”	x	9/32”	Back to front
14328	3/8”	x	1/4”	Back to front
14329	3/8”	x	9/32”	Back to front
14333	1/4”	x	1/4”	Back to front

	Twin	x	Air	Plastic Air Chamber
14300	9/32”	x	9/32”	Side to side
14331	9/32”	x	9/32”	Back to front

Non vented available with Top change - use #14340 with Claw Part #

Copy Parts for Kleen-Flo® Claw

Copy Claw Kits With Plastic Tees

13319 - Kit, less Bowl, ***without valve***
(Includes: plastic air chamber, specify size and style)

14319 - Kit, less Bowl, ***for claw with valve***
Includes: plastic air chamber, specify size and style, valve not included with kit

13374 - Kit, less SS top for 300cc
without valve , with plastic tee (specify size & style)

Copy Claw Kits With Stainless Tees

13320 - Kit, less Bowl, without valve
(Includes: stainless air chamber, specify size and style)

14349 - Kit, less Bowl, ***for claw with valve***
Include: stainless air chamber, specify size and style, valve not included with kit

13370 - Kit, less SS top for 300cc
without valve , stainless tee (specify style & size)

Kit for without valve

13360 - Bowl kit ***without*** valve
Includes: bowl, bowl gasket, small center seal, and rubber bumper

Kit for with valve

14360 - Bowl kit ***with*** valve
Includes: bowl, bowl gasket, small center seal, rubber bumper, shutoff valve and shutoff clip

Rubber Parts

14305 - Bowl gasket
14302 - Shut off clip
14306 - Rubber bumper
14307 - Small grey center gasket
14314 - Black rubber shut off valve
14351 - Gray shut off valve

Misc. Copy Parts

13350 - Bowl ONLY, ***without*** valve hole
14350 - Bowl ONLY, ***with*** valve hole
14313 - Black nut
14317 - Stainless top nut ***(replaces plastic one)***
14304 - Bolt holder for shut off
14318 - Stainless flat tab for bolt holder
13308 - Bolt for claw without valve
14308 - Bolt for claw with valve
14322 - New style light weight claw hanger
14311 - Stainless top hanger with loop
14346 - Stainless top hanger with hook
14315 - Stainless top ***vented***
14340 - Stainless top ***non vented***

Air Chambers ONLY

	Twin	x	Air	Stainless Air Chamber
14320	9/32”	x	9/32”	Side to side
14324	9/32”	x	9/32”	Back to front
14321	3/8”	x	9/32”	Back to front
14323	3/8”	x	1/4”	Back to front
14336	1/4”	x	1/4”	Back to front

	Twin	x	Air	Plastic Air Chamber
14309	9/32”	x	9/32”	Side to side
14335	9/32”	x	9/32”	Back to front

13325 -Rubber parts kit **for #13300 claw**

Includes: 1 - #14305 Bowl gasket, 1 - #14306 Rubber bumper and 1 - #14307 Small grey center seal

14355 -Rubber parts kit **for #14300 claw**

Includes: 1 - #14305 Bowl gasket, 1 - #14306 Rubber bumper and 1 - #14307 Small grey center seal, 1 - #14302 Shutoff clip and 1 - #14351 Grey shutoff

Stainless Top Hanger with Hook

The Kleen-Flo claws are also available with the Surge® style hooks. To order claws with the hooks use the regular part # and -14347 on the end. Also add $10 ($15 retail) to the cost of the claw. If ordering separately order part **14346**

Copy Claws and Parts for Surge®

Used Claws and Copy Parts for Oval and Eclipse®

We are no longer carrying a copy Oval claw, however we have a considerable stock on Good Original Used Eclipse® Claws and still offer copy windows, gaskets and clips

132000 - **USED** Eclipse claw, ***with valve-new windows & gaskets with top hook***
132001 - **USED** Eclipse claw, ***with valve-new windows & gaskets without top hook***
132050 - **USED** Eclipse claw, ***without valve-new windows & gaskets***
132100 - **USED** Eclipse claw, ***without valve, reversed nipple with new windows and gaskets***

Copy Claw Parts

10442 - Replacement window for Oval and Eclipse® ~ Molded style
10449 - Replacement black window gasket for Oval claw ***(standard size)***
10441 - Replacement black window gasket for Oval claw ***(thicker than original)***
10447 - Replacement flat window clip for Oval claw

Copy Claw Parts That Fit Orbit®

64587 - Replacement top only for Orbit® claw, with nuts
64588 - Complete copy replacement kit for Orbit® claw,
Includes top, nuts, screws, gasket, and the rubber grommet
64589 - Replacement gasket for Orbit® claws
64605 - Rubber grommet for Orbit® top
64603 - Tabbed o-ring for Shutoff
64604 - Silicone o-ring for Orbit® valve
64601 - Repair kit for valve ***(Includes: 1-#64603 and 2-#64604)***
64610 - Insert nut for Orbit® top (per bag of 12)
64612 - Screw for Orbit® top (per bag of 12)

64588

Inserts are already included in our tops

Copy Parts That Fit Westfalia® Claws

10055

For Barrel Claws

10062 - Window for Westfalia® barrel claw
10064 - Window gasket for Westfalia® barrel claw
10058 - Bumper for standard Westfalia® style barrel claw
10059 - Bumper for back flush Westfalia® style barrel claw
10055 - Stainless valve for barrel claw (replaces the plastic)
10056 - O-ring for stainless or plastic valve

Copy Parts For Bio® Claws

10071 -Window

10073 - O-ring

17535 - Pliers for inflation

17539 - O-ring for Bio red air bleed

Original Parts For Bio® Claws

05120 - Locking piece (7022 2614 000)
05123 - Center guide piece (7022 2615 000)
05125 - Air fork (7022 2628 050)
05130 - Red air bleed, Pkg. of 4 (7022 9926 140)
05132 - Vac-u-stop, Pkg. of 4 (7022 9925 040)
05134 - Elbows for shell, Pkg. of 4, green 90° (7022 9925 150)
05135 - Elbows for shell, Pkg. of 4, orange L shape (7022 9925 150)
05137 - Tool for Vac-u-stop (7027 9826 050)
05145 - Clear milk Y (0018 6139 820)
05150 - Twin milk hose, per foot (4021 0239 026)
05153 - Screen for air bleed (7022 2611 000)

Copy Claws and Parts That Fit BouMatic®

These claws are an excellent replacement choice for BouMatic® and IBA®. The windows and gaskets interchange with the original claws. Choose from either 5/8" ID or 3/4" ID. See page 11 for air tees.

"Bottom Unload Claws"

10390 - 5/8" BouMatic® standard/herringbone style, copy

10410 - 5/8" BouMatic® Wide body style standard/ herringbone style, copy

10530 - 5/8" BouMatic® mid size, standard/herringbone style, copy

10120 - 3/4" BouMatic® mid size, standard/herringbone style, copy

10408 - 5/8" BouMatic® mid size style, parallel, copy

"Top Unload Claws"

BouMatic® Style

IBA® Style

USE WITH SIDE X SIDE AIR TEES ONLY

See page 11 for specially designed, shorter width air tees for the top unload IBA® style claws.

10222 - 3/4" mid size claw, parallel

10228 - 3/4" mid size claw, standard/herringbone

(THIS IS NOT A STOCK ITEM By special quantity order only.)

10495- 5/8" top unload, standard/herringbone style claw, comes with stainless shutoff but without window clips (flush style)

10030 - 5/8" standard/herringbone claw comes with positive shutoff nipples and window clips

10230 - 3/4" top unload claw, standard/herringbone with window clips ***(THIS IS NOT A STOCK ITEM By special quantity order only.)***

10490 - 5/8" standard/herringbone claw without window clips

10020 - 5/8" parallel claw with positive shutoff nipples, and window clips

10220 - 3/4" top unload claw, parallel claw, with window clips ***(THIS IS NOT A STOCK ITEM By special quantity order only.)***

Claw Parts for BouMatic®

10021 - Window for BouMatic® or IBA® claw

10023 - Gray window gasket for BouMatic® or IBA®

10031 - Rubber pad for bottom unload BouMatic® style claws.
(Currently only available for standard/herringbone body claws)

21912 - O-ring for valve on 5/8" BouMatic® barrel claw ***(2 required)***

10033 - O-ring for valve on 9/16" BouMatic® barrel claw ***(1 required)***

10034 - Tab gasket for valve on 9/16" BouMatic® barrel claw ***(1 required)***

10021

10031

10023

Copy Claw Parts for IBA®

10021 - Window for IBA® claw

10023 - Gray window gasket for IBA® claw

10027 - Window clip for IBA®

10028 - White top plug for 5/8" claw

10049 - White top plug for 3/4" claw

Parts For Flo Star®

Copy Claw Tops and Used Bottom

14429 - **Standard** Flo Star® top, ***vented***
14430 - **Standard** Flo Star® top, ***non vented***
14451 - **Classic** Flo Star® top, ***vented***
14450 - **Classic** Flo Star® top, ***non vented***

14461 - RADEL top for **Standard** Flo Star, ***non vented***
14463 - RADEL top for **Standard** Flo Star, ***vented***
14465 - RADEL top for **Classic** Flo Star, ***non vented***
14467 - RADEL top for **Classic** Flo Star, ***vented***

Higher Profile = Standard

Low Profile = Classic

Original Flo Star® Claw Parts

04045 - Flo Star® claw base, ***with hole*** (BM #8517680)
04050 - Flo Star® claw base, ***without hole*** (BM #8517681)
04048 - Flo Star® claw top, MAX, ***non vent***, (BM #8512527)
04049 - Flo Star® claw top, MAX, ***vented***, (BM #8512527)

Copy Claw Kits

14420 - 9 piece kit for standard ***with valve***
INCLUDES: valve spring, small center seal, bowl gasket, shutoff valve, shutoff clip, top seal for standard, top seal for classic, bumper o-ring, and star washer for hanger

14421 - 6 piece kit for standard ***without valve***
INCLUDES: small center seal, bowl gasket, top seal for standard, top seal for classic, bumper o-ring, and star washer for hanger

Both kits work for the Classic and the Standard Flo Star® Claws and 14421 also works for Flo Star® Max

Copy Rubber Parts

14440 - Bowl gasket for Flo Star®
14431 - Top seal for Flo Star® Standard claw
14437 - Top seal for Flo Star® Classic top
14448 - Shutoff valve for Flo Star®
14445 - Shutoff clip for Flo Star®
14407 - Small center seal for Flo Star® claw
14406 - Small o-ring for bumper shaft of Flo Star® claw

Copy Misc. Claw Parts

14402 - Nut that fits on Flo Star® claw valve
14449 - Valve handle for Flo Star®
14403 - Washer that fits on Flo Star® claw valve
14408 - Stainless ring for center seal of Flo Star
14409 - Spring for Flo Star® valve
14410 - Replacement stainless top knob for Flo Star® claw
14411 - Star lock washer for top knob of Flo Star®
14435 - Hanger for CIP to Flo Star®, stainless, L bracket
14447 - Sleeve for Flo Star® shutoff

Copy Valve Kit

14443 - Valve kit for Flo Star®
INCLUDES:
14449 - Flo Star® valve handle
14402 - Nut for Flo Star® claw valve
14403 - Washer for Flo Star® claw valve
14409 - Spring for Flo Star® valve
14445 - Shut off clip for Flo Star®
14447 - Sleeve for Flo Star® shutoff
14448 - Shutoff valve for Flo Star®

Copy Claws and Parts That Fit Universal®

For Full-View®

Also called Sta Rite

64578 - Complete copy claw, die cast base and Full View® style top...(used air tee)

Copy Parts

64590 - Bowl for Full-View® claw
64585 - Gasket for Full-View® or T-Flo claw
64563 - Knurled nut for claws
64582 - Stainless die cast bottom only

64590

For Tidal-Flo®

64579 - Complete claw, die cast base and T-Flo style top, with black manifold *(shown)*.....

64575 - Complete claw ***without tee***, die cast base and T-Flo style top, with clear spacer ***(requires a loose air tee - not shown)***

Copy Parts

64580 - Bowl for T-Flo claw.....
64585 - Gasket for T-Flo claw
64572 - Top stainless plate with loop, countersunk holes
64556 - Top loop screw with flat head, v shaped
03903 - Tidal Flo black manifold, original
64583 - Top spacer for T-Flo claw bowl
64564 - Small side spacer for T-Flo claw bowl (use 2 per claw)
64551 - Side bolt for T-Flo claw
64552 - Lock nut for T-Flo claw
64563 - Knurled nut for claw
64582 - Stainless die cast bottom only

64563
Knurled nut for claw

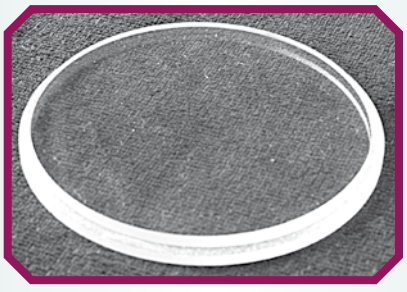
64566
Gasket for light Universal® claw

64585
Gasket for Full-View® or Tidal Flo® claw

64583
Spacer for Tidal Flo® claw bowl

Copy Parts That Fit Beco® Claws

10066 - Window



10068 - Window gasket

10019
- Window removal tool for barrel claw

"When you are right no one remembers; when you are wrong no one forgets."
-- Irish Proverb

Copy Shells

10010 Rolled edge 06 style shell

10013 Shell that fits Westfalia®

10009 Shell that fits BouMatic®

10015 Surge "C" shell

NEW ITEM

64529 Stainless weight for plastic shell (Only 1 required per shell) Approx. weight 140 grams or 4.5 oz.

64533 Plastic shell that fits Universal®, accepts gold or silver weights

132750 USED Repolished Original Jet-Flo Shell

10006 - Small red silicone o-ring that fits Visi Shell, copy
10007 - Large red silicone o-ring that fits Visi Shell, copy
10008 - Medium size red silicone o-ring that fits Visi Shell, copy

Air Tees
Bottom Unloading

11470 - Back to front for Surge® barbed, as pictured

11472 - Air tee for oval claw, 3/8" x 9/32" smooth, not pictured

11483 - 9/32" single tee

11480 - 9/32" side to side tee

11445 - Air Tee for BM Flo-Star Classic Claw ***(flared)***

NEW ITEM

11440 - 1/4" Back to front tee

11420 - 9/32" back to front tee

11460 - 1/4" back to front tee standard for Germania®

10340 - 9/32" back to front tee, standard for Germania®

10160 - 1/4" back to front tee for IBA™, shorter width

10170 - 9/32" back to front tee for IBA™, shorter width

Top Unloading

11487 - 1/4" x 3/8" for Surge®

11488 - 1/4" x 3/8" for Surge® ~ with extended tube for parallel style claws

11450 - 1/4" side to side standard version

10350 - 9/32" side to side standard version

10353 - 9/32" side to side for 3/4" claw, wider version

10140 - 1/4" side to side for IBA™ shorter version

10150 - 9/32" side to side for IBA™ shorter version

Unique best describes NuPulse's milker claw selection. The key element to the NuPulse Claw is the gentle milking action that is controlled by the cow. The more milk she gives the faster the pulsator works - as her milk slows down, the pulsator slows causing less stress on the teat ends.

10001NP - Standard claw ***without valve***
10067NP - MLX claw ***without valve***
12100NP - FulFlo Standard claw ***with valve***
12500NP - FulFlo MLX claw ***with valve***

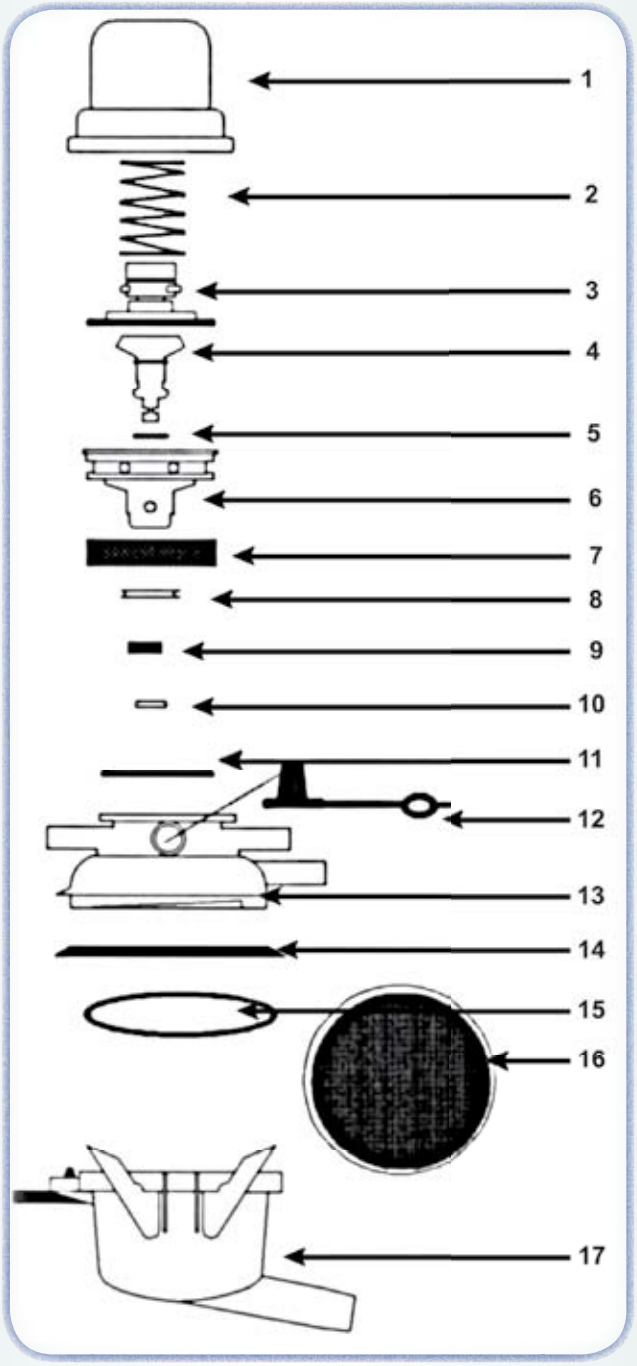
12000NP - FulFlo Standard claw ***without valve***
12400NP - FulFlo MLX claw ***without valve***
10019NP - Standard repair kit
10107NP - MLX repair kit

1 **MZ10006NP** - Dome
2 **MZ10007NP** - Pulsator Spring
3 **MZ10005NP** - Diaphragm Complete
4 **MZ10022NP** - Bobbin Only
5 **MZ10009NP** - Bobbin O-ring
6 **MZ10010NP** - Bobbin Housing
7 **MZ10028NP** - Air Filter
8 **MZ10015NP** - Bobbin Housing Seal
9 **MZ10011NP** - Bobbin Valve
10 **MZ10012NP** - Bobbin Clip
11 **MZ10014NP** - Middle O-ring
12 **MZ10002NP** - Wash Plug ***with Strap***

13 **MZ10016NP** - Standard Middle
13 **MZ10068NP** - MLX Middle ***(pictured)***
14 **MZ10030NP** - Claw Protector Seal
15 **MZ10017NP** - Square Base O-ring
16 **MZ10069NP** - MLX Diaphragm

17 **MZ10013NP** - Standard Claw Base ***(pictured)***
17 **MZ10070NP** - MLX standard bowl, ***vented***
17 **MZ12010NP** - FulFlo Standard Bowl
17 **MZ12110NP** - FulFlo Standard Bowl ***with Shutoff***
17 **MZ12210NP** - FulFlo Parallel Bowl
17 **MZ12310NP** - FulFlo Parallel Bowl ***with Shutoff***
17 **W12210NP** - FulFlo Std Parallel Parlor Base ***DRILLED for ShutOff***
17 **MZ12410NP** - FulFlo MLX Bowl
17 **MZ12510NP** - FulFlo MLX Bowl ***with Shutoff***

18 **MZ12016NP** - Shutoff Valve ***(not shown)***
19 **MZ12017NP** - Shutoff Clip ***(not shown)***
20 **MZ12015NP** - Rubber Foot ***(not shown)***



Claws, Inflations, Shells and Jetter Wash System

10001NP -
NuPulse® Standard Claw

The Standard claw is the original NuPulse Milking Machine with a milk hose and no pulsation hose. The unique vacuum balancing claw equalizes vacuum on both sides of the liner to ensure stress free healthy milking.

10019NP - Repair Kit for Standard Claw

10067NP -
NuPulse® MLX Claw

The MLX claw has both a milk hose, a pulsator hose, a bowl diaphragm that separates the middle and the base and a bleed hole located just below the claw hook.

10107NP - Repair Kit for MLX Claw

Genuine NuPulse® Long Life Inflations

All Genuine NuPulse® Inflations are manufactured to last **3000** cow milkings.

MZ10057NP - NuPulse Super Inflations - fits bowls with milk inlets ½" OD. Included with all kits.

MZ10055NP - FulFlo Super - designed to fit larger 9/16" OD milk inlet of the FulFlo bowl.

Genuine NuPulse® Shells

There are 2 gauges of high quality Stainless Steel Shells. The heavyweight 14 gauge shells are used with the NuPulse claws for a more even distribution of the total claw weight. The lightweight 16 gauge shells are used on conventional milkers and are made to fit the long life NuPulse liners.

MZ20705NP - Heavy Shells
MZ10047NP - Lightweight Shells

Jetter Wash System

The jetter wash system has been specifically designed to match the NuPulse claw. Peek efficiency and total simplicity are key features.

10090NP - 2" Standard Jet Wash System
Includes: Jetter Hose with Adapter and Mounting Kit.

Jet Wash Replacement Kit

Replacement Kit Includes:
4-Jets,
4-Jet spacer rings,
4-Jet circlips and
4-O-rings

10084NP - Complete Kit

KLEEN-FLO® INFLATIONS

WITH A HIGHER VOLUME OF NATURAL RUBBER FOR AN EXCEPTIONAL PERFORMANCE INFLATION

We realize with the many different brands and styles of inflations already in today's market it is difficult to choose the optimal product. When you consider the various different pulsation rates and ratios, vacuum levels, claw weights, teat shapes and milker applications it's difficult to guarantee the right choice. Even though the market may offer cheaper substitutes, we realize that you will stay committed to one, if the inflation is consistent with high performance.

25003 - Kleen-Flo® inflations for DL 06 shell.....

With the KLEEN-FLO® O1 LINER you will get a higher amount of natural rubber for consistent high performance, quick break-in time and great vacuum shut-off.

NEW

NEW STYLE NOW FITS FLO STAR CLAWS

25004 - Kleen-Flo® B-1 Inflations for BouMatic® Shell.....

With the KLEEN-FLO® O1 LINER you will get a higher amount of natural rubber for consistent high performance, quick break-in time and great vacuum shut-off.

NEW

FITS BM BARREL CLAW

25006 - Kleen-Flo® Inflations for BouMatic® Shell.....

Made with the same formula as our KLEEN-FLO® O1 LINER. Comparable with Milkrite B1U, Conewango, IBR1C, BouMatic R-1C, R10 and R-1B Inflations

"Don't find fault, find a remedy." -- *Henry Ford*

Inflations

Pkg. = Packaged in boxes of 4 **Bulk = Bulk 100 per case or 25 sets**

Fits DeLaval® 06 Shell

25050 - TLC-D1 Pkg.
25053 TLC-D1 Bulk

25060 - TLCD-2000 Bulk

25040 - 08EU-LT Bulk

25013 - 01U Pkg.

25010 - 01AU-LT Pkg.
25011 - 01AU-LT Bulk

Not Shown

25034 - 05 Large Bore - Pkg.
25052 - TLC-D1V *(vented)* Bulk
25037 - JERSEY Bulk

Original Inflations

03500 - WC-01 ***(830750090 DL)***
03501 - 01 ***(830360090 DL)***
03505 - WC-01 SR ***(830756090 DL)***
03506 - WC-01NC ***(830755090 Hmny)***
03508 - 08 ***(830480090 DL)***
03510 - 6100 ***(830610090 DL)***
03540 - 282 ***(313487 UN)***

NuPulse

MZ10522NP - Red plastic inflation plug

18101 - Plastic inflation plug

Fits BouMatic® Shell

Not Shown

25018 - B2U - Pkg.
25046 - B1FS-LT - Bulk
For Flo Star® Claw
25056 - TLC-B1V - Bulk

25058 - TLC-B2 Pkg.

25055 - TLC-B1 Bulk

25017 - B1U Bulk

25022 - R1CU Bulk

Fits Westfalia Surge® Shell

25024 - 004U For Bio's Bulk

Not Shown
25028 - FD1 - Pkg.

25054 - TLC-S1 Bulk

25049 - JF 62 Bulk
25048 - JF 60 Bulk

Fits Universal® Shell

25035 - 6RU Pkg. Fits Stainless shell

Not Shown
25031 - 282U Pkg.
Fits Plastic shell

Chore Boy

12051 - Original
12057 - Original
12058 - Original

Note: ***12051 and 12057 come in cases of 12 sets. 12058 comes in cases of 25.***

(Part #'s above are for sets of 4)

Original Inflations

05306 - Std. WF - Set (000) ***(4012-7025-000 WF/S)***
05309 - BIO - Set (004) ***(4014-0241-004 WF/S)***
05348 - 10048 - Set (048) ***(7750-0010-048 WF/S)***
05360 - 10060- Set (060) ***(7750-0010-060 WF/S)***
05362 - 10062 - Set (062) ***(7750-0010-062 WF/S)***
05363 - 10050 - Set (050) ***(7750-0010-050 WF/S)***
05368 - 086 - Set (086) ***(4021-0241-086 WF/S)***
05371 - 10100 - Set (100) ***(7750-0010-100 WF/S)***

Tubing

NOTE: When ordering tubing, please order per foot amount, not by roll size. Any orders cut, under roll size, will be subject to an additional 20% charge

Clear Plastic (Blue Tinted) Glitex Tubing

For Milk and Vacuum Lines

Part #	Size		Available In
25230	9/32”	single	100 ft. roll
25229	3/8”	single	100 ft. roll NEW ITEM
25232	1/2”	single	100 ft. roll
25234	9/16”	single	100 ft. and 500 ft. rolls
25235	5/8”	single	100 ft. and 500 ft. rolls
25236	3/4”	single	100 ft. roll
25237	1”	single	50 ft. roll
25238	1½”	single	50 ft. roll NEW ITEM
25226	1/4”	twin	100 ft. roll
25227	9/32”	twin	100 ft. roll
25228	3/8”	twin	100 ft. roll

Rubber Blue Stripe Milk Rite Tubing

For Milk and Vacuum Lines - Available in 50 foot rolls

- 25112 - 1/2” Single rubber tubing *(Milk Rite #7512)*
- 25114 - 9/16” Single rubber tubing *(Milk Rite #7501)*
- 25115 - 5/8” Single rubber tubing *(Milk Rite #7505)*
- 25121 - 9/32” Single rubber tubing *(Milk Rite #7516)*
- 25120 - 9/32” Twin rubber tubing *(Milk Rite #7517)*

Pre-cut Tubing

- 25143 - 37” x 9/32” Rubber twin pulsation hose
- 25141 - 6’ x 1/2” Rubber vacuum hose
- 25147 - 32” x 9/16” Clear milk hose
- 25145 - 32” x 5/8” Clear milk hose
- 25148 - 32” x 5/8” Silicone milk hose
- 25149 - 32” x 5/8” Rubber milk hose
- 25144 - 32” x 3/4” Clear milk hose
- 25146 - 32” x 3/4” Silicone milk hose

Silicone Tubing

- 25105 - 5/8” Silicone tubing *(100 ft. roll)*
- 25106 - 3/4” Silicone tubing *(50 ft. roll)*

Premium Milk Hose

Green Stripe Tubing

Our premium milk hose is made from a durable blend of rubber and synthetic materials with a thick wall to prevent premature collapsing under vacuum. This milk hose should last up to 5 years under normal usage. 63’ per roll

MZ13162NP - 5/8” Premium rubber tubing

Air Tubes

Sizes are I.D.

- 25150 - 9” x 9/32” for DeLaval®
- 25151 - 7½” x 9/32” for DeLaval®
- 25153 - 8” x 3/16” for Surge®
- 25154 - 7½” x 1/4” for BouMatic®

Milk Tubes

- 25180 - MT-80 5½” for BIO®
- 25190 - MT-90 7” for BIO®
- 25183 - 1020U for BouMatic®
- 25187 - 04TS for Westfalia®

Shutoffs

Squeeze Clamps

NEW ITEM

21905 - Stainless for 5/8" hose

21906 - Stainless for 3/4" hose

21900 - Black Plastic

5/8"

21910 - Plastic shutoff, ***non vented***

21903 - Plastic shutoff, ***vented***

21907 - Tab gasket for 5/8" valve

21908 - O-ring for 5/8" valve

3/4"

21925 - Plastic shutoff, ***non vented***

21928 - Plastic shutoff, ***vented***

21929 - Tab gasket for 3/4" valve

21909 - O-ring for 3/4" valve

5/8"

21918 - Stainless shutoff valve for 5/8", with stop

21919 - Tab gasket for 5/8" stainless shutoff

21917 - O-ring for 5/8" stainless shutoff

3/4"

21916 - Stainless shutoff valve for 3/4", with stop

21915 - Tab gasket for 3/4" stainless shutoff

21909 - O-ring for 3/4" stainless shutoff

5/8"

21914 - Plastic shutoff, standard

21912 - O-ring for white shutoff

21913 - Tab gasket for white shutoff

Quarter Milker

This rugged STAINLESS STEEL Quarter Milker is designed to last a lifetime.
The checkball system is on both milk ports in case the hoses should be assembled incorrectly.

30270 - Complete Stainless Quarter Milker

30271 - Lid only

30269 - Stainless bucket only

30274 - Stainless cage with checkball

Please note that the checkballs do not guarantee to prevent milk from going in the milk line, (especially in cases where the quarter milker is tipped over) but they have been proven to prevent it in most cases.

8 Quart capacity - 16 lbs.
Overall size 9½" Wide x 15" High

The lid for this quarter milker features the checkball system

RJB Quality Milk Isolator

- **Extra large 4" opening for cleaning**
- **Heavy duty stainless steel bail holds lid in place**
- **Extra large 2 gallon capacity**
- **Large bore very flexible silicone hoses**
- **90 degree elbow allows inflation to hang upright**

76505 - Complete Quarter Milker

76508 - QMI Bowl

76511 - QMI Lid

76514 - Lid Gasket

76517 - Silicone Hose 24" (QMI to Inflation)

76518 - Silicone Hose 26" (QMI to Claw)

76521 - Stainless Steel Elbow

76524 - Stainless Steel Bail

30272 - White Plastic Econo Quarter Milker

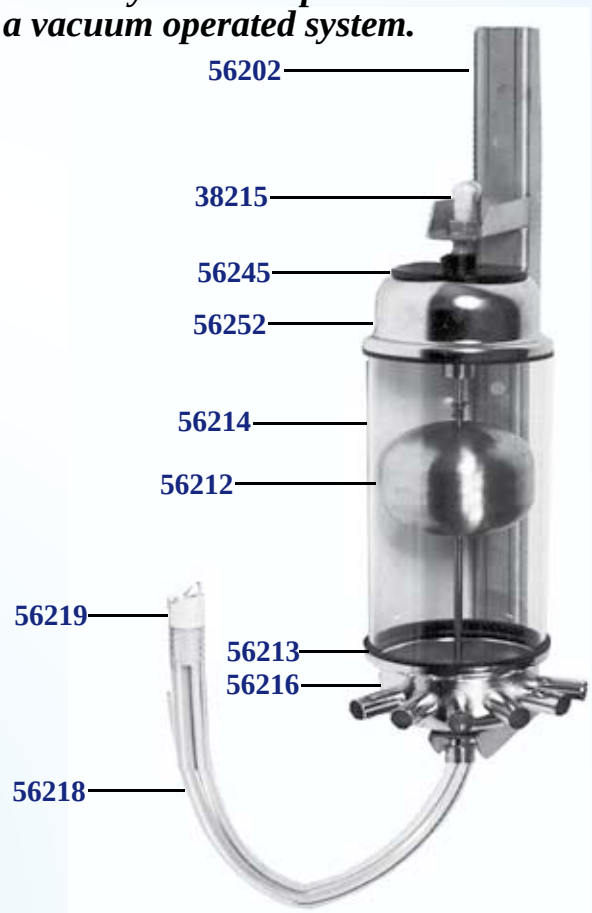
30273 - Lid, ***Only***

30274 - Checkball, ***with cage, thread on***

6 Unit New Style Kleen-Flo® Washer

This unit is shipped fully assembled and ready to hook up.
Designed for cleaning milking clusters on a vacuum operated system.

56200 - Complete 10” claw washer assembly, 6 unit
56201 - Complete 15” claw washer assembly, 6 unit
56202 - Stainless wall bracket for 10” washer
56203 - Stainless wall bracket for 15” washer
56209 - Weight ***(3 required)***
56210 - Clip pin ***(2 required)***
56211 - Rod spring
56212 - Stainless steel float
56213 - Gasket for clear sight tube ***(2 required)***
56214 - Clear sight tube, 10”
56215 - Clear sight tube, 15”
56216 - Bottom dome with 6 - 5/8” ports
56235 - Bottom dome with 6 - 3/4” ports
56217 - Bracket gasket ***(under bottom dome)***
56218 - Drain hose
56219 - Check valve assembly for drain hose
56220 - Ball only for drain assembly
56221 - Clip pin for drain assembly
56222 - Rubber plug for ports
56259 - Stainless e-clip for washer rod
56245 - Valve guide block without bushing
56252 - New style stainless dome with 23/32” hole
56267 - 15” rod assembly for new style washer, ***with valve head and rod seal***
56269 - 10” rod assembly for new style washer, ***with valve head and rod seal***
56256 - New style valve head
56261 - New style 15” rod, ***ONLY***
56263 - New style 10” rod, ***ONLY***
38215 - Blue elbow, with 3/8 thread
38211 - Rubber seal for releaser rod



Old Style Washer Parts

56204 - Yellow elbow
56205 - Valve guide block
56206 - Top stainless dome
56207 - Rod assembly with rubber seal
56208 - Rubber seal for rod assembly
56230 - Valve head for Guide Rod
56231 - 15” Guide rod
56232 - 10” Guide rod

NEW ITEM

NuPulse 1 Cow or 2 Goat Unit Claw Washer

10125NP
- Washer for Std Cow Milker

10126NP
- Washer for Goat Milker

Alto Washer Parts

38310 - Gasket for Alto washer
38300 - Alto claw washer tube
38316 - Small O-ring for rod on Alto Washer
38317 - E-clip for Alto washer
56212 - Stainless Float for Alto washer
(plastic no longer available)

Wash Tubs For Claws

(for bucket systems)

56195 - 4 unit claw wash tub
56197 - 5 unit claw wash tub

Copy Stallcocks and Parts

Copy Heavy Duty BouMatic® Stallcocks and Parts

43260 - Thread on heavy duty stallcock
43256 - 2” clamp on heavy duty stallcock
43258 - 3” clamp on heavy duty stallcock
43238 - Rubber cap, ONLY
18067 - Inside seal, ONLY
43236 - Replacement stallcock kit for BM
43239 - Ball, ONLY
43234 - 2” Kit to convert thread on BM stallcock to clamp on, ***Includes clamp***
43235 - 3” Kit to convert thread on BM stallcock to clamp on, ***Includes clamp***
43269 - Adaptor ONLY, ***less clamp and gasket***
43237 - Gasket for bottom of clamp on stallcock

43260

18067

43236

43235
(7/8” x 1” with 5/8” hole)

Copy DeLaval® Stallcocks and Parts

23808 - Stallcock without clips for DL
23809 - Single stallcock for DL
23810 - Alternating stallcock for DL
23880 - Rubber ball for stallcock
23882 - Stainless insert for DL stallcock
23885 - Rubber cap for DL stallcock
23887 - Electrical insulator for DL stallcock
23888 - Plastic plate for DL stallcock
23892 - Stainless plate for DL stallcock
23893 - Stainless contact arm (spring) for DL stallcock
23895 - Large screw for DL stallcock
23896 - Square nut for DL stallcock
23897 - Flat washer for DL stallcock
23898 - Small side screw with tooth washer for DL stallcock
23899 - Ground screw for DL stallcock
23875 - Front seal for Stallcock
21922 - Plastic hose ferrule
21921 - Brass hose ferrule

23880

23810

NEW ITEM

21921
- Brass hose ferrule

23885

23875

Copy Westfalia®/Surge® Stallcock and Parts

23865 - Auto stallcock Assembly
23866 - Stainless ball, ONLY
23867 - Cap, ONLY
23868 - Housing, ONLY
05529 - Electrical kit to add to stallcock
(#7051-3200-030 WF)
23860 - Connector assembly, ***with clip and gasket***
23861 - Rubber washer, ONLY
23862 - Clip, ONLY
23863 - Tube, ONLY
23864 - Plastic bushing for WF clip on stallcock, ***connection for ½” rubber hose***

23865

23860

23863

23929 - Stallcock kit, ***(3 screws)***
23928 - Red tipped banana plug
23935 - Hex socket for installing banana plug

NEW ITEMS

23929

23935

Lever Stallcocks

23855 - Straight 3/8” stallcock (turns 9:00 to 6:00)
23856 - Straight 1/2” stallcock (turns 3:00 to 6:00)
23857 - Angle 1/2” stallcock (turns 9:00 to 6:00)

Pulsator Adaptors

23031 - Complete adaptor to DeLaval® bucket lid
23027 - Check valve for adaptor
23028 - Chamber gasket for adaptor
23056 - Adaptor housing ONLY (no parts)
23029 - Rubber top grommet for lid adaptor
23040 - Plastic top slide for lid adaptor

23036 - Adaptor for DeLaval® electric stallcock

23041 - Adaptor for Surge® square nipple stallcock

23043 - Adaptor for Surge® round nipple stallcock

23051 - Adaptor to BouMatic® stallcock

23038 - Adaptor with white plastic sleeve for parlor (permanent mount)

23037 - Plastic sleeve only

23039 - Adaptor only

23048 - Adaptor to Westfalia® stallcock

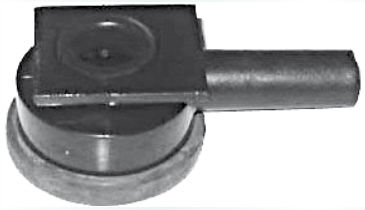
23022 - Adaptor to Westfalia® bucket lid

23054 - Adaptor to Surge® bucket lid

23046 - Adaptor to Universal® stallcock

23039 - Adaptor, complete, to lever stallcock

23059 - Rubber grommet



23016 - Adaptor to BouMatic® or plain lid
23015 - Check valve for BouMatic® or plain lid
23017 - Bottom gasket for BouMatic® lid adaptor
23018 - Top grommet for BouMatic® lid adaptor

Copy Adaptors and PartsThat Fit HP® Pulsators to Delaval® Lids

23025 - Complete chamber for HP to DeLaval® lid, with check valve
23030 - Chamber ONLY
23028 - Chamber gasket for adaptor
23023 - Check valve

23033 - Adaptor to DV300
23034 - O-ring for DV300 adaptor
23035 - Rubber grommet

Parts for DV 300

NEW ITEM

20158 - Sensor jar, copy (Radel)
20165 - Sensor diaphragm for sensor jar, copy
20164 - Gasket for sensor cover, copy
20152 - O-ring rebuild kit, copy
20161 - 3/16" x 12" tube for sensor, copy
119842 - **USED** bellow
119843 - **USED** Filter
03275 - Sensor cover, 5/8" (96947301 DeLaval®)
03280 - Sensor jar, 5/8" (96748503 DeLaval®)
03290 - Diaphragm, inside (95868901 DeLaval®)

D#95 PULSATORS AND PARTS

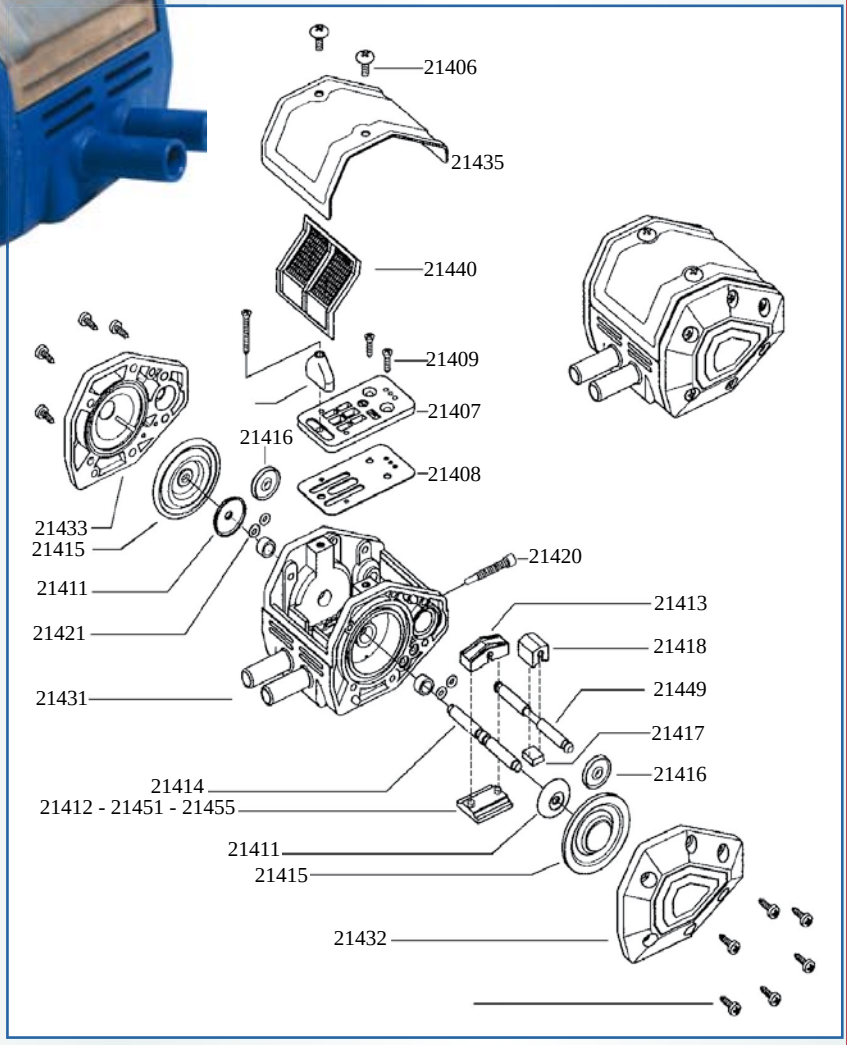
D#95 pulsators, (parts interchange with LL90®) with NEW improved large black rubber diaphragms

20360 - 60/40 Pulsator
20365 - 65/35 Pulsator
20370 - 70/30 Pulsator
20372 - 50/50 Pulsator
90 ppm - for goats

21412 - 60/40 slide, ***Only***
21455 - 65/35 slide, ***Only***
21451 - 70/30 slide, ***Only***
21452 - 50/50 slide, ***Only***

21453 - White felt filter for D#95 ***(pack of 12)***
21457 - White felt filter for D#95 ***(1 piece)***
21442 - New style D#95 filter holder

23102 - Red silicone plug for single pulsation
21404 - Side cover screw
21406 - Top cover screw
21407 - Base plate
21408 - Gasket for base plate
21409 - Screw for base plate
21411 - Plastic plate for diaphragm
21413 - Slide holder for large slide
21414 - Shaft for ratio slide
21415 - Large diaphragm
21416 - Small diaphragm
21417 - Small pilot slide
21418 - Slide holder for small pilot slide
21420 - Speed screw
21421 - Small side o-ring
21431 - Main pulsator housing, ***Only***
21432 - Side cover, ***left side***
21433 - Side cover, ***right side***
21435 - Top cover
21440 - Plastic filter holder
21449 - Shaft for small pilot slide



20660
- Diaphragm kits for ITP®, D#95 and BRK®

COMPLETE REBUILD KITS FOR D#95

Includes: Felt filter, large and small diaphragms, o-rings, ratio slide, small slide, large and small slide holder, and plate gasket.

20661 - Full 60/40 kit
20662 - Full 65/35 kit
20663 - Full 70/30 kit

Copy Parts For HP®100 and HP®102

Copy Rubber Parts

20142 - Diaphragm for HP®100 or HP®102
20149 - Plate gasket for HP®100 or HP® 102
98669 - HP102 small seal

20142

20149

Copy Changeover Arm Parts

20153 - Changeover arm spring for HP®102
20157 - Changeover arm spring for HP®100
20155 - Complete changeover arm for HP® 102
20150 - Complete changeover arm for HP® 100
20156 - Button for HP® changeover arm
20143 - Hairpin clip for HP® pulsator changeover arm
20151 - Bushing for HP® changeover

Copy Changeover Slide Holder Parts

20147 - Changeover slide for HP®
20144 - Long pin for changeover slide holder on HP® 100
20148 - Short pin for changeover slide holder on HP®102

Copy Misc. Parts

20146 - Brass body bushing for HP®100 or HP®102
20145 - E-clip for HP®100 or HP®102
20154 - Oil for HP® Pulsators

HP®100 - HP®102 Pulsator Rebuilding

We have over 10 years of experience rebuilding the HP® 100 and HP® 102 pulsators. The pulsators are completely taken apart and cleaned. Slide plates are resurfaced and new diaphragms installed. Any other necessary parts are replaced and pulsators are graphed. We even have new body bushings and a few other parts specially designed that are not available elsewhere on the market.

Original DeLaval® HP Parts

03300 - HP 102 pulsator, 60/40 ratio (98927187 DL)
03301 - HP 102 pulsator, 65/35 ratio (98927187 DL)
03335 - HP102 slide holder (99621885 DL)
03340 - HP102 60:40 ratio slide (96571001 DL)
03341 - HP102 65:35 ratio slide (99824901 DL)
03342 - HP102 70:30 ratio slide (95822301 DL)
03350 - HP100 plastic cover (95856701 DL)
03355 - HP102 wrench (99621680 DL)
03363 - HP102 PLASTIC cover only (91706201 DL)
03362 - HP102 cover clip (99620401 DL)
03365 - HP102 slide seat (95857281 DL)
03368 - HP102 large seal (99576401 DL)

OHTA® Pulsator and Copy Parts

43075 - OHTA® Pulsator
43080 - Diaphragm
43081 - Plate gasket
43077 - Reversing valve
43085 - Yellow slide
43065 - Box nut
43060 - Spring assembly
43061 - Spring only
43062 - Spring holder
33003 - Stainless lid ***nut with extension***
43063 - Spring holder B
43070 - Reversing valve
43071 - Reversing valve holder
43084 - Slide holder
43069 - E-Clip, small
43087 - White adaptor for OHTA® to DeLaval® - HP chamber
23026 - Complete Chamber for HP lid for OHTA®
Assembled with #23023 check valve & #23028 gasket
23055 - Chamber w/check valve & gasket **NEW ITEM**
for OHTA grey adapter to DL bucket
43095 - Grey adaptor kit for OHTA to D#95 chamber
43090 - Black adaptor kit for OHTA to D#95 adaptor
Includes: plastic seal, rubber seal, and screws

Copy and Original Magnetic Pulsator Parts

20137 - Fly guard
20139 - Piston cap
33017 - Deflector
20135 - Magnet
03232 - Original spring
(830095680 DL)
03237 - Original insulating plate
(830934512 DL)

LL90® Pulsators and Parts For Interpuls®

23060 - 60/40 pulsator
23065 - 65/35 pulsator
23070 - 70/30 pulsator
23075 - 60/40 pulsator ***with 4 ports***

21454 - Molded Filter for LL90®, copy

Complete copy rebuild kit for LL90®

Includes: Molded filter, large & small diaphragms, o-rings, ratio slide, small slide, large & small slide holder, & plate gasket.

20670 - 60/40 **20671** - 65/35
20672 - 70/30

Copy Parts That Fit Dellatron® Pulsation

98960 - Repair Kit for NEW STYLE Dellatron®
INCLUDES: ***1 rubber diaphragm with 2 white axles, 1 rubber diaphragm with flappers, 5 base plate screws, 2 coil o-rings and 1 base mount o-ring***

98965 - Repair Kit for OLD STYLE Dellatron®
INCLUDES: ***1 rubber diaphragm with 2 white axles, 1 rubber diaphragm with flappers, 5 base plate screws, 2 coil o-rings and 1 base mount o-ring***

98968 - Repair kit for new style Dellatron®
(rubber parts only)

98950 - Cover kit

98951 - Blue cover gasket
98952 - Fresh air nipple only
98953 - Fresh air screen only
98954 - Blank plug ***(replaces screen)***
98949 - Grommet for wiring harness
98948 - Screw for cover

Misc. Copy Dellatron Parts

98974 - Coil o-ring for Dellatron®
43315 - 12 volt coil for Dellatron® pulsator
43317 - Magnetic plate for Dellatron® coil
98956 - Wiring harnesses for Dellatron® 100B's, 18"
98957 - Wiring harness for Dellatron®, 5'
98703 - Flag terminal for Dellatron
98941 - White axle for Dellatron diaphragm
98943 - Top diaphragm only for old style Dellatron
98946 - Top diaphragm only for new style Dellatron
98947 - Bottom diaphragm only for new style Dellatron
98971 - Screw for white Dellatron base plate
98976 - Base o-ring for Dellatron 100B
98978 - Top plug for Dellatron
98999 - Sealing plate for Dellatron cover
43305 - White base plate
43307 - Rubber bumper for Dellatron bayonet bracket
43308 - Threaded bayonet base mount for Dellatron
43310 - Base only for bayonet
43311 - Base kit for bayonet
43313 - Bayonet bracket
43322 - Base kit for stallcock
43320 - Base only for stallcock
43324 - Base slide for stallcock, with wear guards and contacts
43327 - Right hand contact pin for stallcock mount
43328 - Left hand contact pin for stallcock mount
43331 - Right hand guard for stallcock mount
43332 - Left hand guard for stallcock mount
43398 - Fresh air nipple with grommet for Dellatron
43302 - Blue base clip

43317

43315

Copy Dellatron® Pusators

43350 - Parlor mount, replaces 100B
43355 - Stallcock mount, replaces 100SC
43361 - 60/40 stallcock mount pulsator
43366 - 65/35 stallcock mount pulsator
43371 - 70/30 stallcock mount pulsator

Copy Circuit Boards for Dellatron®

43360 - 60/40 with cover for stallcock mount
43365 - 65/35 with cover for stallcock mount
43370 - 70/30 with cover for stallcock mount

43308

43305

99718 - Acme® transformers with breaker switch 30 amp, 500 watts, 12 volt - DC or AC

43338 - Dip switch for Dellatron® master control box, copy
Works for old style board with orange terminal blocks, 60:40 and 70:30 and for new style board with green terminal blocks, 60:40, 65:35 and 70:30

Original Dellatron Parts

03419 - Bayonet pulsator base only DL
03420 - Bayonet base kit (99756793 DL)
03421 - Stallcock base kit (99756893 DL)
03423 - Stallcock pulsator base only DL

Copy Pulsation Parts That Fit BouMatic®

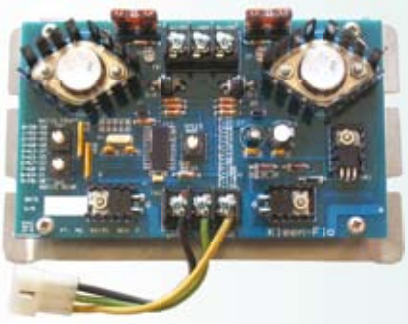
Stainless steel 110 volt pulsation box comes with a 12-unit Kleen Flo circuit board for BouMatic® pulsation. (220 volt units available by special order.) ✻ *18-month limited warranty.*

43200 - Stainless pulsation controller
with 43195 Kleen Flo Board

43205 - Stainless pulsation controller
LESS circuit board

NEW ITEM

- Powered by 48VCT Transformer
- Each side is individually fused
- Will work for goats & sheep (High pulsation rate)
- Ratios are individually adjustable



43195 - Kleen Flo 12 - Unit pulsation board
43201 - 110 volt transformer for pulsation box
43202 - 220 volt transformer for pulsation box

BouMatic® Style Copy Pulsators with OEM Coil

43185 - Stanchion barn model, ***less fresh air***
43184 - Stanchion barn model, ***with fresh air***
43186 - Parlor model, ***with fresh air, pipe and plug***
43187 - Parlor model, ***less fresh air, with pipe and plug***

The parlor model pulsators include a rubber front protector seal and a threaded 1/2" pipe to mount the pulsator on the line.

Copy Parts for BM Pulsators

43215 - Black coil for BM pulsator, HI FLO
43216 - Pulsator base ***(Includes: black center nut)***
43229 - Dust cap for old style pulsator
43218 - Foam filter for kit
43219 - Nut for bottom of pulsator base
43248 - Front rubber nipple protector
43223 - Stainless cover for pulsator, ***standard***
43222 - Cover for pulsator, with stainless fresh air nipples ~ ***includes O-rings***
43226 - O-ring, ONLY ~ ***sold individually***
43251 - Spring for BM style pulsator nipple
43252 - Long screw for BM style pulsator
43253 - Medium screw for BM style pulsator
43254 - Short screw for BM style pulsator
43255 - Star washer for BM style pulsator screw

43248

43222

43240 - Repair kit for BM style pulsator
5 PIECE INCLUDES: 2 pistons, 2 coil seals, 1 front seal

43245 - Repair kit for BM style pulsator, copy
17 PIECE INCLUDES: 2 pistons, 2 coil seals, 1 front seal, foam filter, 4 screws, 4 washers, 2 side plugs and spring

43240

43232 - Coil seal, copy
43233 - Front nipple seal, copy
43231 - Piston assembly, copy
43242 - Top seal for old style piston, copy

43260
- Thread on heavy duty stallcock for BM style pulsator, copy

43236
- Copy repair kit for BM stallcock

43238
- Rubber cap for BM stallcock, copy

18067
- Inside gasket for BM/CB stallcock

Copy Pulsator Parts That Fit Universal®

98939 - 5 piece repair kit for blue Model 87, 5000 or 6000 pulsators
Includes: 2 piston assemblies, 2 teardrop gaskets and 1 stallcock seal.
98937 - Teardrop gasket for Model 5000
98936 - Stallcock seal for Model 5000
98935 - Complete piston ***(2 required)***
43241 - Bottom piston cap ***(2 required)***
98934 - Top piston cap ***(2 required)***

Original Universal® Parts

03920 - 60:40 Universal® pulsator 6000 (313466 DL)
03921 - 55:45 Universal® pulsator 5000 (313464 DL)
03930 - Cover kit (405084 DL)
03937 - Plastic nut (900349 DL)

For Fresh Air System

43550
- Pulsation Fresh Air Filter for 3" PVC line

43555
- Replacement filter cartridge only

Strangko® Pulsator Rebuild Kits

Please check your coil shape before ordering

New Style
43275

Each Kit Includes:
2-Coil Base Gasket, 1-Nipple Gasket, 4-SS Washer, 2-Piston Rubber Insert, 2-Piston and 2-Piston Bottom Rubber Cap

Each Kit Includes:
2-Coil Base Gasket, 1-Nipple Gasket, 4-SS Washer, 2-Piston, 2-Top Rubber Insert, 2-Bottom Rubber Cap and 3-Extension Washer

Old Style
43280

"God hath not promised skies always blue, Flower-strewn pathways all our lives through; God hath not promised sun without rain, Joy without sorrow, Peace without pain. God hath not promised smooth roads and wide, Swift easy travel, Needing no guide. He hath not promised we shall not bear Many a burden, many a care. But God hath promised strength for the day, Rest for the labor, light for the way, Grace for the trials, help from above, Unfailing sympathy, undying love."
-- Annie Johnson Flint

"Two men looked out from prison bars, one saw the mud, the other saw the stars."
--Frederick Langbridge

Copy Pulsators and Parts For Surge®

43160 - **Square** nipple pulsator, ***standard***
43165 - **Round** nipple pulsator, ***standard***
43155 - **Parlor** style pulsator, ***standard***
43156 - **Parlor** style pulsator, ***fresh air***

NEW ITEMS

43160

NEW ITEMS

43156

43115 - Black coil, ***ONLY***
43151 - Spring for square & round nipple pulsator
43153 - Spring for original square nipple pulsator
43162 - Square nipple base, ***ONLY***
43165 - Round nipple base, ***ONLY***
43157 - Parlor style pulsator base, ***ONLY***
43135 - Side contact pin for square nipple
43145 - Side contact pin for round nipple
43125 - Side contact pin for parlor style
43105 - Rebuild pulsator kit
43173 - Threaded bottom plug
43137 - Standard cover
43175 - Square nipple pulsator seal
43178 - Round nipple pulsator seal
43105 - Rebuild kits for black and grey pulsators ***(4 piece kit)***
43097 - Rebuild kits for New Style pulsator ***(4 piece kit)***
43104 - Piston with rubber parts
43107 - Bottom cap ***ONLY***
43108 - Top cap ***ONLY***
43102 - O-Ring
43118 - Cover screw
43252 - Long screw
43255 - Star washer
10600 - Fresh air covers for alternating pulsators
Includes: 2 o-rings
10601 - O-ring ***ONLY***
43149 - Knob for parlor pulsator

43115

43175

43178

NEW ITEM

43097

43105

Miscellaneous Copy Parts For Surge® Pulsators

85365 - 60 PPM resonator for circuit board
43110 - Push in bulb for pulsation box, newer style
91819 - Turn in bulb for pulsation box
43111 - Rectifier, 50 amp, for pulsation box
43112 - Rectifier, 35 amp, for pulsation box
43114 - Breaker switch for pulsation box
43113 - Breaker switch for large gray pulsation box
43101 - Rebuild kit for old style bucket pulsators
21351 - Excalibur boards for Surge® pulsation

43101

These replacement circuit boards are made by Excalibur and feature 11 easy-to-set speeds and ratios. Curcuit boards come with an 18-month limited warranty. This board can be adjusted from 50 to 75 pulses per minute and from 50/50 to 70/30 ratio.

21351

Copy Kits That Fit Surge®

These kits are designed to convert an alternating Surge® stanchion barn style pulsator into a parlor style, without having to buy a new base or complete pulsator

43130 - Round nipple kit. Only available in this style with the extended bar for the ground screw.

43120 - Square nipple kit with extended bar for ground screw. This kit is designed for the earlier version of this pulsator, which does not have a stainless plate molded into the base, between the coil and the base.

43122 - Square nipple kit (short version). This kit is designed for the newer style pulsators that have a stainless steel plate between the coil and base for the ground screw to thread into.

43132 - Parlor conversion kit for round or square style pulsators

Miscellaneous Parts That Fit Westfalia® Pulsators

Copy Parts for Visitron® & Autotronic®

17515 - Rebuild kit for Visitron®
Includes 4 piston caps, 2 coil o-rings and 1 dome gasket
17514 - Piston cap only for Visitron® and Autotronic®
17516 - Coil o-ring for Visitron® and Autotronic®
17512 - Dome gasket for Visitron®
17518 - Hangers for Visitron®, ***heavy duty***
17511 - Copy wire for Visitron®, ***40" section***
91819 - Bulb that fits Visitron®
91836 - Toggle switch cover for Visitron®
91830 - Push button for Visitron®
91831 - Push button cover

Original Visitron® Parts

09116 - Toggle switch (0005-4169-000)
05755 - Hose for Visitron®, ***per foot*** (7051-2635-018)
05764 - Electrode (0005-3830-650)
05765 - Red lamp assembly (0005-3768-900)
05768 - Red lens only (0005-1342-910)
05770 - Switch cover (0005-8000-003)
05775 - Switch (0005-4169-000)
05780 - 5/8" front cover (7051-5446-220)
05542 - Solenoid plate gasket (7051-9926-070)
05546 - Top sealing plate gasket (7051-9926-040)
05549 - Bottom sealing plate gasket (7051-9926-030)

Copy Parts For Vacupuls® Pulsators

17520 - Filters ***(12-in a pack)***
17541 - Screw for cover
17543 - Disc for GOLD
17545 - Disc for STANDARD
17548 - Disc for SMALLEST HOLE
17550 - Diaphragm, large
17552 - Diaphragm, small
17555 - O-ring
20145 - E-clip
17558 - Seat screw
17557 - End cap screw

Original Vacupuls® Parts

05660 - 60:40 Pulsator (7041-2700-600)
05667 - 67:33 Pulsator (7041-2700-560)
05640 - 60:40 Slide (7041-2711-020)
05633 - 67:33 Slide (7041-2711-040)
05611 - Magnet (7041-9926-020)
05614 - Plate gasket (7041-2479-000)
05615 - Slide seat (7041-2719-090)
05618 - Cover (7041-2718-050)
05619 - Filter holder (7041-2187-010)
05620 - Changeover (7041-2215-030)

17525 - Mounting bases for Autopuls® and Stimopuls®
17517 - Hangers for Stimopuls®, ***heavy duty***
17507 - O-ring for inline WF Pulsator filter screen
17508 - O-ring for inline WF Pulsator filter housing
17500 - Copy rebuild kit for Autopuls and Apex pulsators
17501 - Gasket kit for Autopuls® and Stimopuls®
Includes: solenoid plate gasket, bottom sealing plate gasket and top sealing plate gasket

17500

17525

Blank Receiver Custom Order Form

All Receivers come with a Lid ~ Drawings Available Upon Request

20105 - Blank 18" *x* 18" receiver, ***without trap outlet***

10087* - Blank 18" *x* 22" receiver, fixed bottom, ***with 3" trap at 4:30***

10081* - Blank 18" *x* 22" receiver, swivel bottom, ***with 3" trap outlet***

20095 - Blank 18" *x* 22" receiver, ***without trap outlet***

20264* - Blank 18" x 26" receiver, fixed bottom, ***with 2" milk pump outlet***

20270* - Blank 18" x 26" receiver, swivel bottom, ***with 3" trap outlet***

20263 - Blank 18" x 26" receiver, ***without trap outlet***

20290 - Blank 26" x 24" receiver, ***without trap outlet - 1½" milk pump outlet***

20292 - Blank 26" x 24" receiver, ***without trap outlet - 2" milk pump outlet***

20277 - Blank receiver for swing parlor, ***without trap outlet***

20280 - Master number for Standard ferruled outlet
Please add -1.5, -2, -2.5,-3 or -4 after Master part# to get right size and price

20284 - Master number for ferruled inlet with 45 degree elbow
Please add -1.5, -2, -2.5,-3 or -4 after Master part# to get right size and price

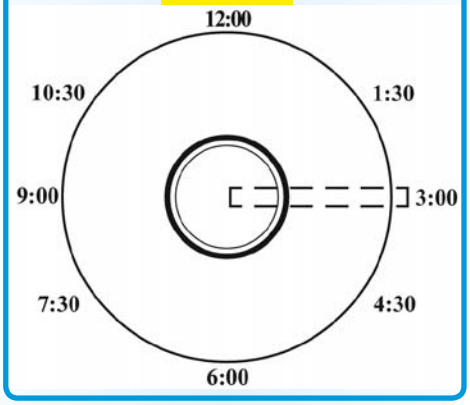
20287 - Master number for Parallel inlets welded on custom receivers
Please add -1.5, -2, -2.5,-3 or -4 after Master part# to get right size and price

20289 - 3" trap inlet welded on receiver

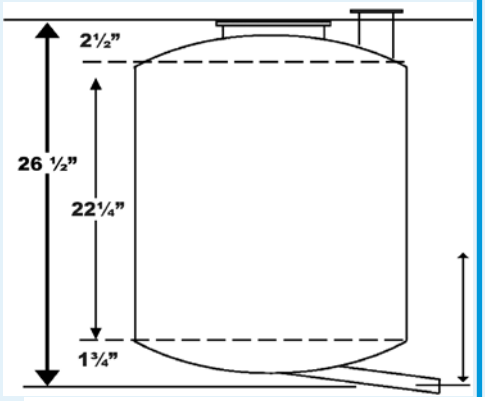
20288 - 4" trap inlet welded on receiver

To order a custom receiver, please fill out all applicable information on the form below, sign and then fax to:
717-768-8131
If you need further assistance call:
800-768-0887

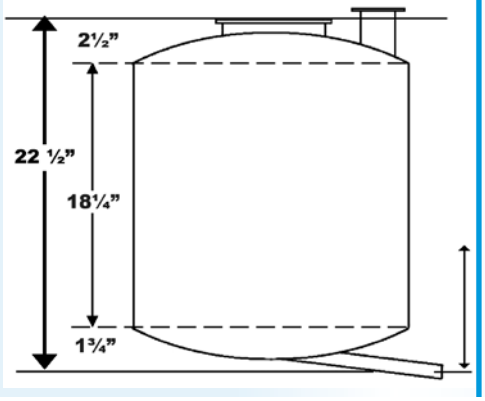
Top View



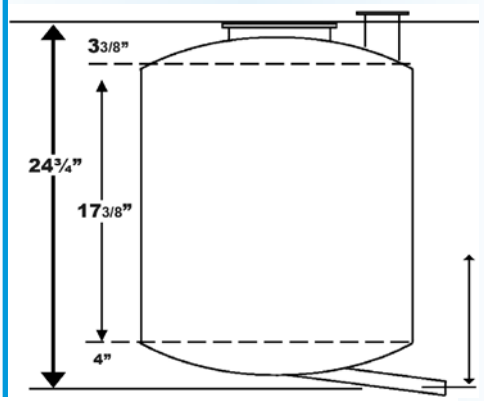
Side View 18" x 26"



Side View 18" x 22"



Side View 26" x 24"



NOTE: Center to center inlet measurement needs to be taken from the center of the milk pump outlet to the center of the first milk inlet.

18" x 18" = 16 Gallons/60 Litres

18" x 22" = 21 Gallons/79 Litres

18" x 26" = 26 Gallons/98 Litres

26" x 24" = 48 Gallons/181 Litres

Date: **PO#:**

Business &/or Contact Name:

Phone#: **Fax#:**

Jar Size:

Milk Pump Outlet Size:

Swivel bottom **(please circle one)** **Fixed bottom**

Signature:

	Part # of Inlet	Side/Top	Location	Size	Butt Weld/45	Fer./Weld
A.						
B.						
C.						
D.						

Lowline Receiver Group Packages

Receiver Options

20400 - Option 1
Includes:
#10084 - 18" x 22" - 3" corner receiver with 45 degree 3" inlets
#10086 - Clear lid with gasket
#20225 - 3" poly trap and bend
#20199 - Stainless stand with adjustable milk pump plate
#54323 - 3" clamp
#54329 - 3" gasket

20402 - Option 2
Includes:
#10085 - 18" x 22" - 3" receiver w/ straight inlets at 3:00 & 9:00
#10086 - Clear lid with gasket
#20225 - 3" poly trap and bend
#20199 - Stainless stand with adjustable milk pump plate
#54323 - 3" clamp
#54329 - 3" gasket

20403 - Option 3
Includes:
#10087 - 18" x 22" - 3" blank receiver with 3" trap outlet
(see page 26 and 27 for custom order form - custom ferruled inlets can be added)
#10086 - Clear lid with gasket
#20225 - 3" poly trap and bend
#20199 - Stainless stand with adjustable milk pump plate
#54323 - 3" clamp
#54329 - 3" gasket

Motor Options

20406 - Option 1 - E-Zee 1HP group with variable speed drive (1 or 2 phase)
Includes:
#10402 - Copy milk pump with Leeson 3 phase 1 HP motor
#32570 - ImPulse III variable speed milk pump controller
#32660 - 24" probe assembly with float for ImPulse III
#10417 - Milk pump flapper valve
#78460 - Drain assembly with 1½" elbow and drain tubing
#17130 - Heavy duty 1½" clamp
#54320 - 1½" V-insert clamp
#54326 - 1½" gasket

20407 - Option 2 - 1 HP DL style group (1 phase)
Includes:
#10434 - Copy milk pump with Leeson single phase 1 HP motor
#20324 - Kleen-Flo Liquid level control box (DL style)
#20349 - 19" DL style probe assembly (please specify if you need another size - also available #20345 - 16" or #20346 - 22½")
#10416 - Milk pump flapper valve
#78460 - Drain assembly with 1½" elbow and drain tubing
#17130 - Heavy duty 1½" clamp
#54320 - 1½" V-insert clamp
#54326 - 1½" gasket
If you need 3 phase please order part **20298**

20408 - Option 3 – 1 HP BM style group (1 phase)
Includes:
#10186 - 4" Milk pump assembly with 1HP Leeson motor, 1 phase
#20307 - Kleen-Flo Liquid level control box (BM style)
#20010 - Probe assembly with float
#10417 - Milk pump flapper valve
#78460 - Drain assembly with 1½" elbow and drain tubing
#17130 - Heavy duty 1½" clamp
#54320 - 1½" V-insert clamp
#54326 - 1½" gasket
If you need 3 phase please order part **20294**

If you need a complete receiver group: Order one part number of your choice from The Receiver Options Column, which provides the receiver system; and One part number from The Motor Options Column, which will complete the group.

Note: *If you need three phase power, please order the specified part numbers which will include the correct three phase components.*

Fixed Bottom Receivers And Parts

All fixed bottom receivers come with a horizontal outlet and are 16 gauge stainless.
Please see page 26 and 27 for our blank receiver order forms.

10085 - **18" x 22" receiver with 3" x 3" x 3" inlets, straight inlets *and with trap outlet @ 4:30***

10084 - **18" x 22" receiver, 3" x 3" x 3" with 45 degree inlets *and with trap outlet @ 4:30***

10087 - **18" x 22" receiver, *with trap outlet @ 4:30*, but blank inlets**

20116 - **18" X 18", 3"x3"x3", fixed bottom receiver with 45's at 1:30 and 7:30 *and with trap outlet @ 4:30***

20189
- Stainless stand for receiver. Designed to fit a floor mount DeLaval® milk pump for 18" receiver

20186
- Receiver stand w/o milk pump plate, for 24" receiver

20199- Stainless stands with adjustable milk pump plate for 18" receivers

20187 - Stainless stands with adjustable milk pump plate for 26" receivers

20193 - Leg set to make receiver stands adjustable. (Not included with receiver stands)

20196 - Angle brackets to convert to a highline receiver stand

10086 - 7" Receiver lid with 1½" probe hole, with gasket

10076 - 7" Receiver lid without probe hole, with gasket

10074 - 6½" Receiver lid with 1½" probe hole, with gasket

25199 - Gasket for 7" receiver lid

25196 - Gasket for 6½" receiver lid (#1041)

20295 - Receiver lid with 1½" probe hole, 10"

20297 - Receiver lid w/o probe hole, 10"

20299 - Gasket for 10" receiver lid

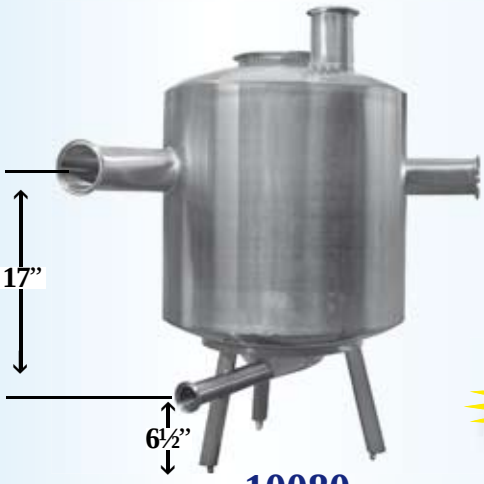
Miscellaneous Receiver Stands

20180
- Stand for 27000 receiver jar, Stainless steel

19910
- Stainless motor mount bracket for Universal® receiver panel, copy

Swivel Bottom Receivers And Parts

We include the swivel bottom, gasket, 3 nuts and the 3 holders with all our swivel bottom receivers. Please see page 26 for our blank receiver order form.



10080

10080 - 18” x 22” receiver 3” x 3” x 3” with 45’S, with horizontal swivel bottom ***and with trap outlet @ 4:30***

10078 - 18” x 22” receiver 3” x 3” x 3” with 45’S, with vertical swivel bottom ***and with trap outlet @ 4:30***

10081 - 18” x 22” blank receiver, ***with 3” trap outlet*** and with horizontal swivel bottom

**** Our receivers are made of 16 gauge stainless ****

10082

10082 - 18” x 22” receiver 3” x 3” x 3” with straight inlets, with vertical swivel bottom ***and with trap outlet @ 4:30***

10075 - 18” x 22” receiver 3” x 3” x 3” with straight inlets, with horizontal swivel bottom ***and with trap outlet @ 4:30***

10083 - 18” x 22” blank receiver, ***with 3” trap outlet*** and with vertical swivel bottom

10620 - Blue coated stand for swivel receiver, for highline

10613 - Cushion for mounting #118510 stainless bracket to #10620 stand

10089 - Swivel bottoms only, with vertical outlet

10088 - Swivel bottoms only, with horizontal outlet - 1½”

10096 - Swivel bottom only, for lowline reciever jar - 2”

10079 - Gaskets for swivel bottoms

10618 - Cushion for mounting glass DeLaval® Jar to stainless highline bracket, copy

118510 - Stainless Highline bracket for DeLaval® receiver group

NOT NEW
USED - REFURBISHED
Does not come with cushions.

10615 - Adapter plate to mount various milk pumps to DL Bracket

10610 - Blue coated stand for swivel receiver, for lowline

Moisture Traps and Copy Parts

3" White Rippled Moisture Trap

20225 - Complete, ***with all parts as shown in picture***
58605 - Complete, ***but less stainless trap bend***
20230 - Complete, ***as shown in picture but with beaded 3" ferrule for Surge®***
20223 - Clamp only for trap (4 required)
20224 - Stainless J Bend only with tri-clamp ferrule
20231 - Stainless J Bend only with Surge® style ferrule
20412 - White body only for moisture trap
20413 - PVC sleeve
20415 - 4½" I.D. pipe sleeve for top vacuum port
20417 - 3¾" I.D. pipe sleeve for side port
18037 - Duckbill drain
20227 - Rubber cover for white ripple trap
23250 - 4" plastic trap ball

20225

12"x 24" Horizontal Moisture Traps and Bends

20200 - Complete 3" Horizontal moisture trap - ***thread x clamp***
20205 - Complete 4" Horizontal moisture trap - ***thread x clamp***
20252 - Complete 3" Horizontal moisture trap - ***clamp x clamp***
20257 - Complete 4" Horizontal moisture trap - ***clamp x clamp***
20258 - Complete 3" Horizontal moisture trap - ***clamp x thread***
20218 - Complete 4" Horizontal moisture trap, ***with stainless ball, lid and gasket***
20204 - Lid with gasket for horizontal trap
20202 - Gasket only for horizontal moisture trap, ***11" I.D. - 13" O.D.***

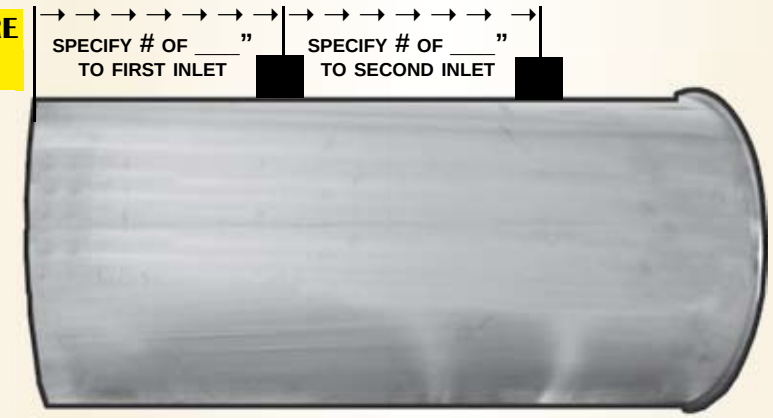
20200

Moisture Trap Float/Trap Balls

23253 - 4" stainless float ball
23250 - 4" plastic trap ball
23255 - 5" stainless float ball
23251 - 5" plastic trap ball

Custom Moisture Trap Diagram

Always measure from back of the moisture trap for the vacuum in and out inlets



20250 - Blank horizontal moisture trap, ***with lid, gasket and plastic ball***
20276 - 4" NPT threaded inlet welded on moisture trap
20279 - 3" Tri-Clamp inlet welded on moisture trap

For Custom Moisture Trap Orders Please call Levi @ 800-768-0887

"To become truly great, one has to stand with people, not above them."
-- *Charles de Montesquieu*

Moisture Traps and Copy Parts

3" 20212 - Trap Bend for 3" horizontal trap, shorter version

3" 20210 - Trap Bend for 3" horizontal trap

4" 20215 - Trap Bend for 4" horizontal trap

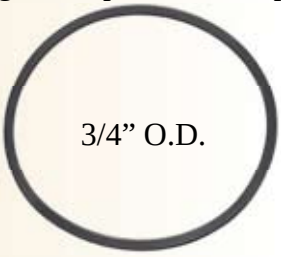
20234 - Gasket for 2" blue BM moisture trap, copy

10625 - Check valve for 3" DL Trap, copy

10163 - Rubber drains for 2" DL Moisture trap, copy

20183 - Check valve assembly for Surge® moisture trap, copy

10630 - Trap gasket for 3" DL fiberglass trap head 10, copy



10500 - 3" s/s trap bends for 3" fiberglass DL style blue head trap

21070 - White gasket for 2" UN style trap , copy

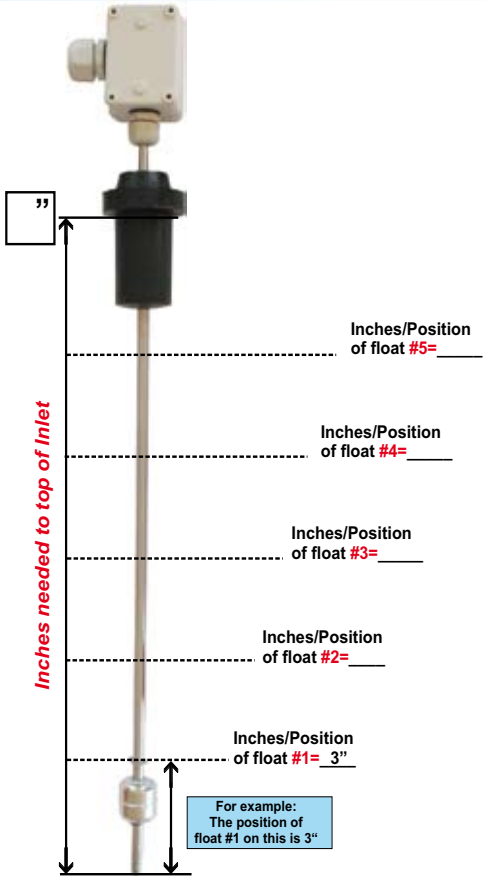
12 Quart Vertical Trap Assembly and Parts

NEW ITEMS

22500 - Trap Assembly, ***No Trap Bend Included***
22510 - Stainless 180 Degree Trap Bend - ***Clamp X Thread***
22515 - Stainless 90 Degree Trap Bend,
for Vertical, 12 Quart Trap - Clamp X Thread
22520 - Stainless 45 Degree Trap Bend,
for Vertical, 12 Quart Trap - 3" SS Flange X Thread
22533 - Stainless Body, ***ONLY***
22535 - Clear Plastic Cover with Gasket
22537 - Stainless Cage for 12 Quart Vertical Trap
20183 - Check valve for Surge moisture trap, COPY
R30176NP - Lid Gasket - 10" Diameter

NEW ITEM

KLEEN FLO® VARIABLE SPEED PROBE ASSEMBLY


"
Inches/Position of float #5=____
Inches/Position of float #4=____
Inches/Position of float #3=____
Inches/Position of float #2=____
Inches/Position of float #1=_3"_
Inches needed to top of Inlet
For example: The position of float #1 on this is 3"

Custom Probe Order Form

Standard Probe Assembly is 3 Floats
Maximum is 5 Activation Points

STANDARD CONFIGURATION

~ First Switch - Red ~ Second Switch - Yellow
~ Third Switch - Violet ~ Top Switch - (Isolated) - 2 ~ Brown
Common - Black

Date:	PO#:
Name:	
Phone:	Fax:
Float Assembly with Probe Holder: #20022-**1½"** or #20023-**2"**	***(Please Circle One)***
Other and/or Notes:	

- ***Need measurement of exact location of each additional float for proper placement.***
- ***Measure from bottom up for your float(s) position(s) in inches.***

20004 - Additional Floats, Includes: 2 clips and float
20010 - Complete probe assembly for BM, ***with Reed Switch, Junction box and New Style Float***
20012 - Stainless rod only for float style probe, 29" long
20014 - Junction box for BM style probe
20015 - Junction Box, with large cord grip
20016 - Clip
20019 - 1½" long insert for reed switch
20020 - Reed switch for plastic float probe
20022 - Kleen Flo Variable Speed Float Assembly, ***with 1½" I.D. probe holder***
20023 - Kleen Flo Variable Speed Float Assembly, ***with 2" I.D. probe holder***
20025 - Reed switch for stainless float probe
20030 - Stainless Float ONLY

KLEEN FLO® PROBE ASSEMBLY

NEW ITEM

20032 - 16" Kleen Flo float probe assembly
20034 - 19" Kleen Flo float probe assembly
20036 - 22" Kleen Flo float probe assembly
20030 - Stainless Float ONLY
20016 - Clip
10094 - Rubber 1½" probe holder
10095 - Rubber 2" probe holder

DRY CONTACT FLOAT PROBE SYSTEMS
ELIMINATES PITTING ON PROBES
WORKS FOR ANY 3 PROBE LLC SYSTEM
WORKS ESPECIALLY WELL IN SYSTEMS WITH EXCESS FOAM

Liquid Level Controls

Kleen-Flo® Liquid Level Control for DeLaval®

- Heavy Duty
- Water Tight
- Stainless Latches for easy opening

- 120/240VAC Input and output via on board selector switch
- Remote indicator LED's ~ Power and Relay
- Heavy duty user replaceable motor relay ~ 25Amps @ 250VAC
- Easy disconnect switch wires

20333 - 3-probe LLC Control Board, ***ONLY, replacement for NEW style DeLaval® plastic liquid level box***

20324 - Kleen-Flo LLC box complete, ***less probe assembly***

20341 - Kleen-Flo LLC, with #20345, ***16" probe assembly***

20342 - Kleen-Flo LLC, with #20349, ***19" probe assembly***

20343 - Kleen-Flo LLC, with #20346, ***22½" probe assembly***

20322 - Plastic box with mounting plate ***(No Board)***

Stainless steel mounting plate adapts new board to old style DeLaval® stainless box

20350 - 3-probe LLC Control Board with mounting plate, replacement for OLD style DeLaval® stainless liquid level box

Misc. Copy Parts for DeLaval® LLC

10166 - Relay for new style DL, LLC
10167 - Relay for old style DL, LLC
20328 - Switch for new style DL, LLC box
20329 - Switch for old style DL, LLC box

"NEW" Water Resistant Square Cover

Probe Assemblies, FDA approved nylon coating

20345 - 16" probe assembly, 3 probe, stainless cover ***(Includes 2 #20336 and 1 #20335 probe rods)***

20349 - 19" probe assembly, 3 probe, stainless cover ***(Includes 2 #20339 and 1 #20337 probe rods)***

20346 - 22½" probe assembly, 3 probe, stainless cover ***(Includes 2 #20338 and 1 #20336 probe rods)***

Probe Rods

	Overall Length	From bottom of probe rod to bottom of grommet
20335	10"	8"
20336	16"	14"
20337	12½"	10½"
20338	22½"	20½"
20339	19½"	17½"

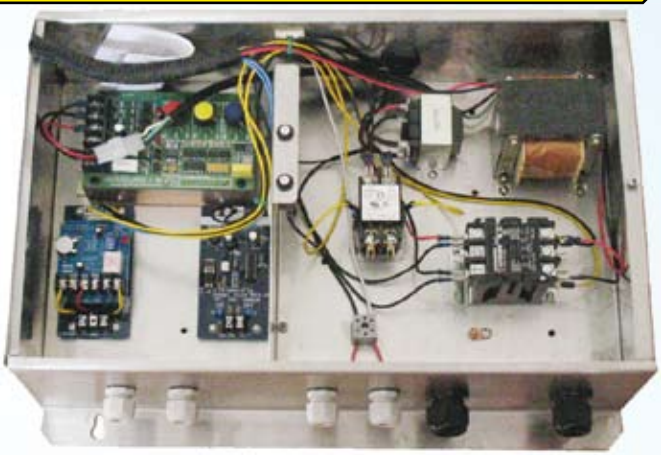
Misc. Parts for Probe Assembly

20340 - 1½" rubber probe holder for 3 probe assembly, copy

20355 - Stainless cover only

Liquid Level Controls

Replacement Box for BouMatic® Receivers



20075 - Replacement stainless steel control panel with hour meter. ***Includes: An air injector board, an LLC board, and an Kleen Flo-12 pulsation board***

20079 - Same as 20075, except with a USED 5-dip BouMatic® pulsation board

20083 - Same as 20075, except LESS pulsation board

20060 - Copy circuit board for BM air injector

20061 - Wiring Harness for #20060 LLC board

Kleen-Flo® Liquid Level Control

• Designed for a Float probe system • 220 volt input
• Water tight control box

20305 - Control box, ***with #20010 float probe assembly***
20307 - Control box, ***less probe assembly***
20321 - Contactor for #20307, 24 volt AC
20313 - Circuit board for Kleen-Flo LLC box for float, style probes, interchanges with original
20316 - Wiring harness for #20313 LLC board

20316

20313 - Board for LLC

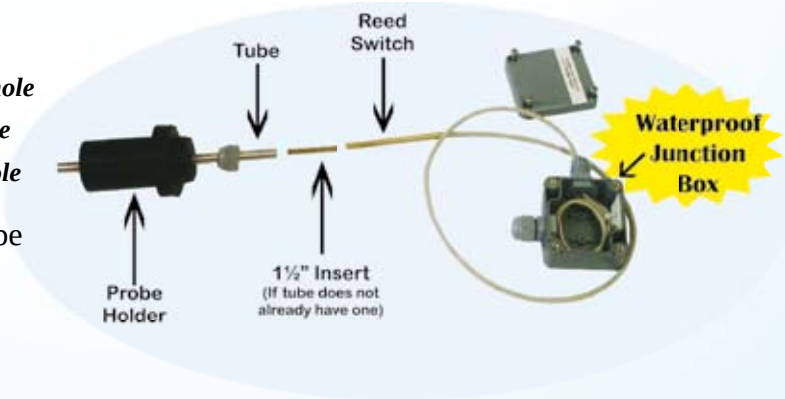
Copy Float Style Probe Assembly and Copy Parts

20010 - Complete new style probe assembly for BM.
Includes: Junction box, reed switch, 1½" rubber probe holder and a stainless float

20020 - Reed switch for plastic float probe
20025 - Reed switch for stainless float probe
20019 - 1½" long insert for reed switch

10094 - Rubber 1½" probe holder ***with 3/16" hole***
10095 - Rubber 2" probe holder ***with 3/16" hole***
10101 - Rubber 1½" probe holder ***with 1/2" hole***

20012 - Stainless rod only for float style probe
20014 - Junction box for BM style probe
20030 - Stainless float for BM probe
04113 - Hairpin clip for BM style probe
(2 needed)



Liquid Level Controls

Circuit board is designed for 3 probe system. It is constructed with the screw type connectors and NOT the cheaper plastic connectors like some competitive models have.

E-Zee's Kleen-Flo® 4x4 Liquid Level Control

#20430

"Water Tight Control Box"

220 volt input

20430 - 220 circuit board only ***(needs contactor)***
20319 - Contactor, 220 volt coil
20431 - Control box with mounting plate and board ***(no probes)***
20434 - Control box with #20345, 16" probe assembly
20436 - Control box with #20349, 19" probe assembly
20438 - Control box with #20346, 22½" probe assembly

110 volt input

20450 - 110 circuit board only ***(needs contactor)***
20320 - Contactor, 110 volt coil
20451 - Control box with mounting plate and board ***(no probes)***
20454 - Control box with #20345, 16" probe assembly
20456 - Control box with #20349, 19" probe assembly
20458 - Control box with #20346, 22½" probe assembly

20332 - Plastic box with mounting plate, ***less board***
20425 - Optional red and green LED kit ➡

The above level control and circuit board are also available for 12 volt. Please use the part numbers listed below.

20471 - 12 volt DC control box with board, ***(no probes)***
20470 - 12 volt DC board only ***(needs contactor)***

20395 - New style replacement board for Surge® LLC, designed to replace the Surge® 28000 liquid level control board,
NOW WITH SNAP TRAK

Copy Kleen-Flo® D Style Milk Pumps and Parts

WALL MOUNT

1 HP

10432 - D-style Kleen-Flo® milk pump, with 1 HP Magnetek single phase motor
10434 - D-style Kleen-Flo® milk pump, with 1 HP Leeson single phase motor
10402 - D-style Kleen-Flo® milk pump, with 1 HP Leeson 3 phase motor
10411 - D-style Kleen-Flo® milk pump, less motor *(for 1 HP)*

1½ HP

10502 - D-style Kleen-Flo® milk pump, less motor, *(for 1½ HP)*

FLOOR MOUNT

1 HP

10437 - D-style Kleen-Flo® milk pump, with 1 HP Magnetek single phase motor
10401 - D-style Kleen-Flo® milk pump, with 1 HP Leeson single phase motor
10403 - D-style Kleen-Flo® milk pump, with 1 HP Leeson 3 phase motor
10413 - D-style Kleen-Flo® milk pump, less motor *(for 1 HP)*

1½ HP

10404 - D-style Kleen-Flo® milk pump, with 1½ HP Leeson single phase motor
10405 - D-style Kleen-Flo® milk pump, with 1½ HP Leeson 3 phase motor
10503 - D-style Kleen-Flo® milk pump, less motor *(for 1½ HP)*

Copy Parts for D-Style Kleen-Flo®

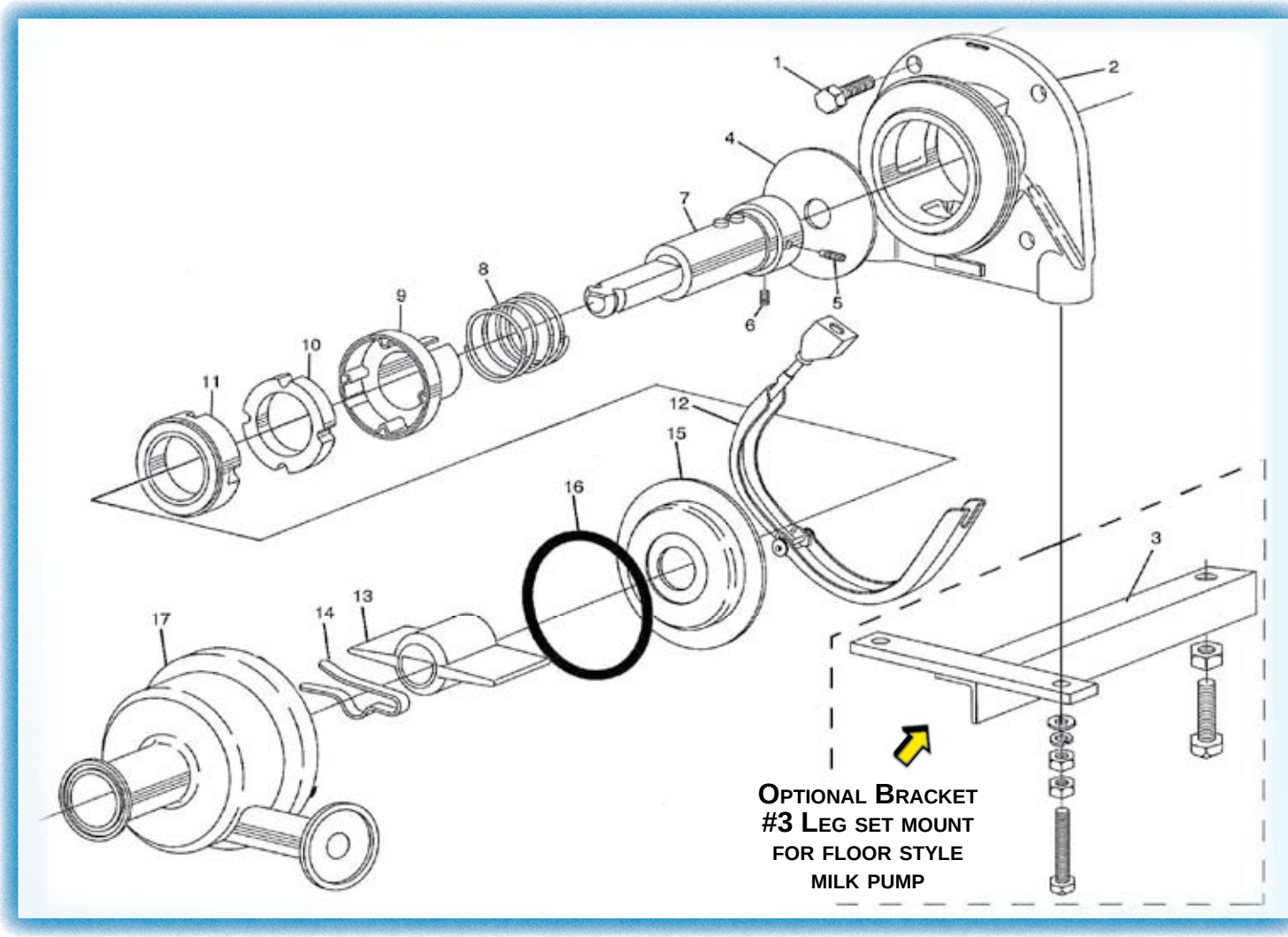
1 - **10422** - Housing mount bolt
2 - **10431** - **STAINLESS** mount for milk pump housing, replaces the aluminum one
3 - **10433** - Stainless adjustable T-brackets, converts a highline milk pump bracket to a floor mount
4 - **10424** - Rubber shaft slinger
5 - **10398** - Set screw, keyway style
6 - **10399** - Set screw, standard style
7 - **10213** - Milk pump shafts, new style
8 - **10429** - Spring
9 - **10425** - Stainless collar
10 - **10428** - Rubber seal for milk pump
11 - **10426** - Carbon seal for milk pump
12 - **10423** - Housing clamp
13 - **10391** - Stainless impeller for 1 HP milk pump
13A - **10393** - Stainless impeller for 1½ HP milk pump
14 - **10394** - Lock clip for milk pump
15 - **10210** - Backplates
16 - **10427** - 4" o-ring
17 - **10520** - Stainless milk pump housing for 1 HP milk pump
17A - **10421** - Stainless milk pump housing for 1½ HP milk pump

Diagram/Parts Breakdown located on top half of Next Page

Copy Rebuild Kit for D-Style Kleen-Flo®

10395 - Repair kit for D-style Kleen-Flo®

Includes:
1 - #10428 (#10) rubber seal
1 - #10426 (#11) carbon seal
1 - #10427 (#16) 4" o-ring



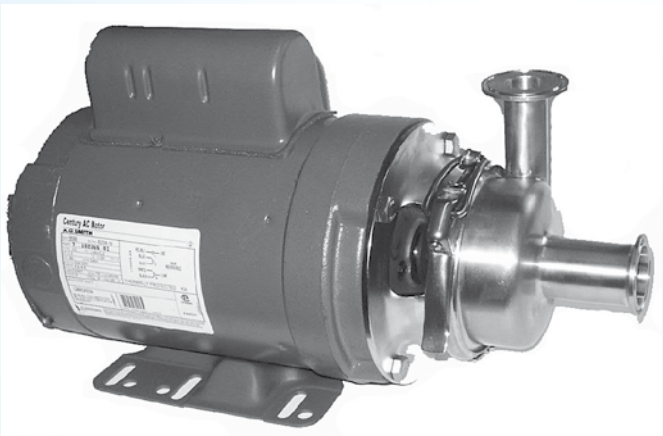
Copy Kleen-Flo® B Style Milk Pumps and Parts

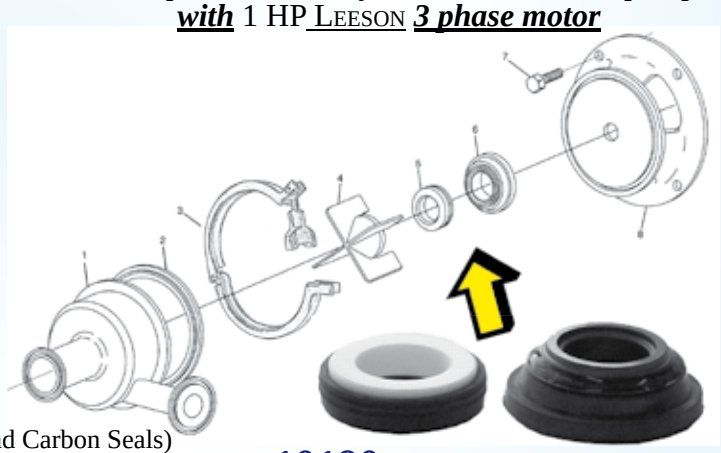
10185 - 4” replacement B-style Kleen-Flo® milk pump, ***with*** 1 HP Magnetek ***single phase motor***

10184 - 4” replacement B-style Kleen-Flo® milk pump, ***less*** motor

10186 - 4” replacement B-style Kleen-Flo® milk pump, ***with*** 1 HP Leeson ***single phase motor***

10187 - 4” replacement B-style Kleen-Flo® milk pump, ***with*** 1 HP Leeson ***3 phase motor***





1 - **10180** - Stainless housing for 4” milk pump
2 - **54325** - 4” Tri-Clover gasket
3 - **17232** - 4” Heavy Duty clamp
4 - **10510** - Stainless impeller for 4” milk pump
5&6 - **10190** - Milk pump seal kit (Includes: Ceramic and Carbon Seals)
7 - **10181** - Motor bolt
8 - **10460** - Stainless flange for 4” milk pump

10190 - Repair kit for Kleen Flo® B style and BouMatic® Milk Pumps
(Includes: Ceramic and Carbon Seals)

Thomsen® Milk Pumps and Parts

- *A quality built pump suitable for most applications.*
- *Available in several sizes and configurations.*
- *Known to be a dependable milk pump in the dairy industry.*
- *Additional configurations available upon request.*
- *All pumps listed are without motors.*
- *Pumps can be ordered and shipped fully assembled with motor.*
- *See pages 41 - 43 for some of our motor options.*
- *Please call our Pump Division @ 1-888-304-6276 for technical support.*

Part#	Model	Inlet	Outlet	Impeller	Shaft	Discharge	RPM	Seal	Motor
				1 HP					
59700	#4	1.5”	1.5”	3 3/8”	5/8”	Standard	3450	Ext.	56-C
59701	#4	1.5”	1.5”	3 3/8”	5/8”	Reduced	3450	Ext.	56-C
				1½ HP					
59704	#4	1.5”	1.5”	3 5/8”	5/8”	Standard	3450	Ext.	56-C
59705	#4	1.5”	1.5”	3 5/8”	5/8”	Reduced	3450	Ext.	56-C
				2 HP					
59708	#4	1.5”	1.5”	3 7/8”	5/8”	Standard	3450	Ext.	56-C
59710	#4	1.5”	1.5”	3 7/8”	7/8”	Standard	3450	Ext.	145-TC
59707	#4	1.5”	1.5”	3 7/8”	5/8”	Reduced	3450	Ext.	56-C
59706	#4	1.5”	1.5”	3 7/8”	7/8”	Reduced	3450	Ext.	145-TC
59709	#4	2”	1.5”	3 7/8”	5/8”	Standard	3450	Ext.	56-C
59711	#4	2”	1.5”	3 7/8”	7/8”	Standard	3450	Ext.	145-TC
59730	#4	2”	1.5”	3 7/8”	7/8”	Reduced	3450	Ext.	145-TC
59712	#4	2”	2”	3 7/8”	7/8”	Standard	3450	Ext.	145-TC
59713	#5	2”	1.5”	4 3/8”	7/8”	Standard	3450	Ext.	145-TC
59714	#5	2”	2”	4 3/8”	7/8”	Standard	3450	Ext.	145-TC
				2 HP - Left Hand Discharge					
59732	#4	1.5”	1.5”	3 7/8”	5/8”	Reduced	3450	Ext.	56-C
59733	#4	1.5”	1.5”	3 7/8”	7/8”	Reduced	3450	Ext.	145-TC
59731	#4	2”	1.5”	3 7/8”	7/8”	Reduced	3450	Ext.	145-TC
59734	#4	2”	1.5”	3 7/8”	5/8”	Reduced	3450	Ext.	56-C
				3 HP					
59715	#5	2”	1.5”	4 7/8”	7/8”	Standard	3450	Ext.	145-TC
59718	#5	2”	2”	4 7/8”	7/8”	Standard	3450	Ext.	145-TC
59716	#5	2”	2”	4 7/8”	1 1/8”	Standard	3450	Ext.	182-TC
59720	#6	2”	2”	5 1/8”	7/8”	Standard	3450	Int.	145-TC
59722	#6	2”	2”	5 1/8”	1 1/8”	Standard	3450	Int.	182-TC
				5 HP					
59726	#6	2”	2”	5 7/8”	1 1/8”	Standard	3450	Int.	184-TC
59741	#8	3”	2”	6 7/8”	1 1/8”	Standard	1800	Int.	184-TC
				7½ HP					
59742	#8	3”	2”	7 5/8”	1 3/8”	Standard	1800	Int.	213-TC
				10 HP					
59743	#8	3”	2”	7 7/8”	1 3/8”	Standard	1800	Int.	215-TC
59746	#8	3”	2”	7 7/8”	1 3/8”	Threaded	1800	Int.	215-TC

Note: #4 pumps are available with a reduced discharge port to use a rubber flapper check valve

Thomsen® Milk Pump Parts

Copy Parts and Seal Kits for Thomsen® Pumps

59782 - Backplate, #4, for external seal
59783 - Backplate, #4, for internal seal
59787 - Backplate, #5, for external seal
59791 - Backplate, #6, for external seal
59784 - Shaft, #4, #5 and #6 - 5/8" bore, for external seal
59786 - Shaft, #4, #5 and #6 - 7/8" bore, for external seal
59785 - Shaft, #6 - 1 1/8" bore, for external seal
59576 - 3 3/8" Impeller for Thomsen #4
59577 - 3 5/8" Impeller for Thomsen #4
59578 - 3 7/8" Impeller for Thomsen #4
59651 - 4 1/8" Impeller for Thomsen #5
59652 - 4 3/8" Impeller for Thomsen #5
59654 - 4 7/8" Impeller for Thomsen #5
59765 - Impeller clip
59789 - Clamp for #4 Milk Pump
59792 - Set screw for shaft
59750 - External seal kit for #4, #5 and #6 pumps
59756 - External seal kit for #4 pump ***with s/s wear ring***
59767 - External seal kit for #8 pump, #9499-BO
59760 - Internal seal kit for #4, #5 and #6 pumps
59763 - Internal seal kit for #8 pump, #9359-BO
59770 - Ceramic wear ring for #4, #5 and #6 backplate
59774 - Adaptor for Thomsen # 5 milk pump, #9255-04
59775 - Adaptor for Thomsen # 4 milk pump, stainless

"Additional Parts For Thomsen Milk Pumps Available Upon Request"

C-Face Motors for Thomsen® Milk Pumps

• TEFC • 3 phase
• 1800 RPM • 208-230/460

59815 -	5 HP motor	1 1/8" shaft	184-TC
59817 -	7½ HP motor	1 3/8" shaft	213-TC
59818 -	10 HP motor	1 3/8" shaft	215-TC

WORLDWIDE Electric Corp

Dayton - *Extra High Torque Farm Duty Motor*

• 1.15 Service Factor • TEFC
• Single phase • 1800 RPM

59805 -	5 HP motor	1 1/8" shaft	184-TC
59807 -	7½ HP motor	1 3/8" shaft	215-TC
59809 -	10 HP motor	1 3/8" shaft	215-TC

LEESON STAINLESS STEEL MOTORS

WASHGUARD SST

This member of LEESON's family of tough ducks is designed for long life in demanding wash down applications. LEESON's new FHP Washguard SST All-Stainless motors are Stainless Steel Tough!

- WASHGUARD SST EFFICIENCIES MEET EPACT STANDARDS
- WITHSTANDS PRESSURE WASHING
- INVERTER DUTY RATED

THREE PHASE - 208-230/460 Volt

21530	1 HP	5/8 keyed shaft	3 phase	3450 RPM w/base	56 C
21531	1½ HP	5/8 keyed shaft	3 phase	3450 RPM w/base	56 C
21532	2 HP	5/8 keyed shaft	3 phase	3450 RPM w/base	56 C
21533	2 HP	7/8 keyed shaft	3 phase	3450 RPM w/base	145TC
21534	3 HP	7/8 keyed shaft	3 phase	3450 RPM w/base	145TC

LEESON PREMIUM STAINLESS STEEL MOTORS

- 3 PHASE 208-230/460 VOLTS
- CAN BE USED ON VARIABLE SPEED DRIVES
- EXCEEDS THE DEMAND FOR THE DAIRY INDUSTRY

THREE PHASE - 208-230/460 Volt for BouMatic® Milk Pump

21574	1 HP	Threaded shaft	3450 RPM w/base	56 C

SINGLE PHASE - 110/220 Volt

21541	1 HP	5/8 keyed shaft	3450 RPM w/base	56 C
21543	1½ HP	5/8 keyed shaft	3450 RPM w/base	56 C
21542	2 HP	7/8 keyed shaft	3450 RPM w/base	145TC

A 1 Year Warranty Applies to All Milk Pump Motors

Milk Pump Motors

LEESON WASHGUARD

Featuring: Stainless Steel Shaft, Fan Cover and Wiring Box Cover!
Washguard© Motors are built to handle high-pressure wash downs!

SINGLE PHASE - 110/220 Volts

21595*	1 HP	Surge® replacement motor w/capacitor mounted on motor	
21570*	1 HP	Threaded shaft for BouMatic® milk pumps	
21550	½ HP	5/8 keyed	3450 RPM
21551	¾ HP	5/8 keyed	3450 RPM
21552*	1 HP	5/8 keyed	3450 RPM
21553*	1½ HP	5/8 keyed	3450 RPM
21554*	2 HP	5/8 keyed	3450 RPM
21557*	2 HP	7/8 keyed	3450 RPM

21570

1 phase w/base

THREE PHASE - 208-230/460 Volts

21596	1 HP	Surge® replacement motor	
21573	1 HP	Threaded shaft for BouMatic® milk pumps	
21560	1 HP	5/8 keyed	3450 RPM
21561	1½ HP	5/8 keyed	3450 RPM
21562	2 HP	5/8 keyed	3450 RPM
21563	2 HP	7/8 keyed	3450 RPM

LEESON

21573

3 phase w/base

A Motor Designed by A.O. Smith/Magnetek for Dairy Milk Pumps

➪ Wash Down Duty Motor ➪ Stainless Steel Shaft ➪ Weatherproof
➪ Permanent Split Capacitor ➪ TENV ➪ 3600 RPM ➪ Single Phase - 220 Volts ONLY

FOR DELAVAL® MILK PUMPS

21581	½ HP	5/8 keyed shaft	B-581
21582	¾ HP	5/8 keyed shaft	B-582
21583	1 HP	5/8 keyed shaft	B-583

FOR BOU-MATIC® MILK PUMPS

21584	½ HP	threaded shaft	B-584
21585	¾ HP	threaded shaft	B-585
21586	1 HP	threaded shaft	B-586

FOR SURGE® MILK PUMPS

21592	¾ HP	Requires Capacitor	B-592

21581

Tank Washer Motors

Leeson Washguard
21580* - 1 HP motor with 56-J threaded shaft, 1 phase

Sterling Stainless Steel - As shown in picture to right ➪
21578 - ¾ HP motor with 56-J threaded shaft, 1 phase
21579 - 1½ HP motor with 56-J threaded shaft, 1 phase

21578

*These motors have centrifugal switch instead of electronic solid state switch.

ImPulse III

Variable Speed Milk Pump Controller

Precise Milk Pump Control
- Matches pumping speed to incoming milk flow

Maximum Cooling Efficiency from Plate Coolers
- Slower milk flow through plate cooler allows maximum heat exchange and lowers milk temperature further

Lower Bacterial Counts
- Faster cooling reduces bacteria growth

Better Milk Quality
- Slower milk pump operation reduces milk cell damage -- minimizing the release of free fatty acids - high quality flavor is maintained

Variable Speed Milk Pump Controller "Less Probe"

	HP	Volts	Phase
35005NP - ImPulse III	**2**	**230**	**Dual Rated 1 & 3**
35010NP - ImPulse III	**2**	**460**	**3**
35015NP - Impulse III	**5**	**460**	**3**

Milk Pumps on pages 38 - 40
Motors on pages 41 - 43

ImPulse III Concept

The ImPulse Controller varies the milk pump speed in order to pump milk through a plate cooler or other type of cooling device as slowly as possible.

Traditional milk pump control systems wait until milk is accumulated in the receiver to a predetermined level then turns the pump on full speed -- 3,400 to 3,600 R.P.M. This rapidly pumps milk out until the receiver is nearly empty.

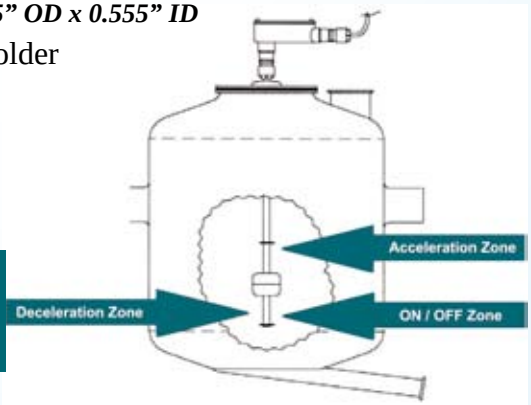
The speed at which milk is pumped through the cooling device is very fast. The result is that milk is not cooled nearly as much as is possible. Slowing milk flow down allows for maximum heat exchange and the highest possible efficiency from cooling devices.

Probe Assembly for ImPulse III

35002NP - 24" Probe assembly
35003NP - 30" Probe assembly
35006NP - 60" Probe assembly
10101 - Rubber 1½" probe holder with ½" hole
R03513NP - 2" SS Float with Magnet, ***2" OD x 2" OD x .595" ID***
R03509NP - 1.5" SS Float with Magnet, ***1.5" OD x 1.5" OD x 0.555" ID***
R03502NP - ImPulse Mark II Liquid Level Probe Holder
R03504NP - Bulk Tank Cover Plug, ***Black Rubber***

E-Zee & NuPulse
Here to serve the dairy industry

The ImPulse uses proven float technology to operate the milk pump at variable speeds to stay just ahead of the milk inflow rate.



Copy Kits for Milk Pumps

Seal Kit for D-Style DeLaval®
10395 - *Kit Includes:*

1 - **10428** - Rubber seal
1 - **10426** - Ceramic seal
1 - **10427** - 4” O-ring

Seal Kit for Ben Anderson®
59895 - *Kit Includes:*

1 - **59894** - Carbon seal
1 - **59897** - Ceramic seal
1 - **59886** - O-ring
1 - **59898** - 4” gasket
1 - **59899** - 4” gasket ***(old style)***

Seal Kit for Sta-Rite®
59890 - *Kit Includes:*

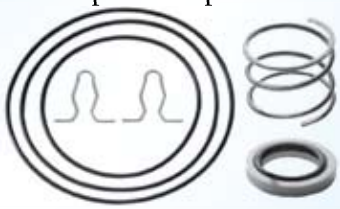
1 - **59887** - Shaft seal
1 - **59886** - O-ring
1 - **59888** - Head gasket

Seal Kit for External Thomsen®
59750 - *Kit Includes:*

59771 - Rotary Seal Assembly
59770 - Ceramic Seal
59794 - Housing O-ring for #4
59795 - Housing O-ring for #5
59796 - Housing O-ring for #6
59765 - Impeller clip

Seal Kit for Internal Thomsen®
59760 - *Kit Includes:*

59762 - Ceramic Seal
59793 - O-Ring
59761 - Spring
59794 - Housing O-ring for #4
59795 - Housing O-ring for #5
59796 - Housing O-ring for #6
59765 - Impeller clip



Seal Kit For Kleen Flo®
14775 - *Kit Includes:*

14102 - Head gasket
14756 - Ceramic seal assembly
14770 - Rotating head assembly

Seal Kit for old style Surge®
10795 - *Kit Includes:*

- Carbon Seal
- Rubber Seal
- Small e-clip
- Tri-clamp flapper
- Surge style flapper
- Large 4” head gasket
- 1½” Gasket

Seal Kit for new style WF Surge®
10710 - *Kit Includes:*

10712 - Ceramic Seal
10711 - Rotary Seal Assembly
10715 - Large e-clip
10716 - Small e-clip
10417 - Tri-clamp flapper
10418 - Milk pump check valve
10713 - Large 4” head gasket
54326 - 1½” Gasket

New Style backplate for Surge® Milk Pump, copy
10725

Seal Kit For BouMatic® and Kleen-Flo® B Style
10190

Kit Includes:
- Ceramic Seal
- Carbon Seal

Seal Kit for SP-41
10750

Kit Includes:
- Ceramic Seal with rubber
- Teflon Seal
- O-Ring
- Spring

Milk Pump Valves and Drains

78470 - 4” Vacuum Drain Valve.
78471 - Diaphragm for 4” drain valve
78473 - 3/8” Clear hose for vacuum drain valve (per foot)

78460 - Elbow with 3/8” nipple and drain valve assembly
78465 - Elbow with 7/16” O.D. outlet for drain valve, 1½”
78466 - Elbow with 5/8” O.D. outlet for drain valve, 1½”
78467 - Elbow with 3/4” O.D. outlet for drain valve, 1½”

78460

78470

- *Works with a 3/8” O.D. hose*
- *Overall diameter 4½”*
- *Bottom nipple is 3/8” O.D.*

This stainless steel vacuum operated hose pinch clamp will accept up to a 3/4” silicone hose, or a 5/8” rubber hose. The vacuum port is 3/8” I.D. Clamps onto standard 1½” stainless tubing. (As Shown)

78475 - Vacuum Operated Stainless Steel Pinch Valve
78450 - 1½” elbow with 3/8” nipple and #78475 pinch clamp
78452 - 1½” elbow with 5/8” nipple and #78475 pinch clamp
78454 - 1½” elbow with 3/4” nipple and #78475 pinch clamp
78476 - Diaphragm only for pinch valve

78475

78483 - High Capacity vacuum drain for 5/8th” to 7/8” rubber or silicone hose
78485 - Large pinch clamp valve, vacuum operated , with 1½” elbow with 5/8” nipple
78487 - U-cup seal for High Capacity black plastic drain

78483

Milk Pump Valves And Copy Parts

10438 - 1½” stainless milk pump check valve with pin & ball
10439 - Ball only, for 1½” check valve assembly
10436 - Retaining clip for 1½” milk pump check valve
10465 - 2” stainless milk pump check valve with pin & ball
10467 - Ball only, for 2” check valve assembly
10466 - Retaining clip for 2” milk pump check valve

Ball Sizes:
For 1½” valve 1 3/8”
For 2” valve 1 7/8”

Flapper Valves for Milk Pumps

10415 - Stainless flapper valve seat for 1½”
10416 - 1½” Rubber flapper valve for Delaval®
10418 - 1½” Rubber flapper valve for Surge®
10417 - 1½” Rubber flapper valve for Tri-clamp fitting ***(standard)***
10419 - 1½” Rubber flapper valve for Tri-clamp fitting ***(large)***

10415

“For the LORD is good and his love endures forever; his faithfulness continues through all generations.” -- *Psalm 100*

“Don’t worry...Be Happy” -- *by musician, Bobby McFerrin*

Sputnik Parts

38140 - Air tire for sputnik, ***standard***
38145 - Bearing for air tire, ¾”
38181 - Plate Kit ***to convert plate style wheel to shaft style***
38182 - Swivel wheel ***with plate***
38187 - Wheel with bearing, ***no plate***
38180 - Bearing kit ***for hard swivel wheel***
38186 - White end cap ***for swivel wheel bearing***
38191 - Sputnik pipe o-ring
38190 - V-Type sputnik lid gasket
38189 - O-ring type lid gasket
38192 - Sputnik grommet
38202 - 1½” hose clamp with washer ***for Sputnik grommet***
38196 - Sputnik drain gaskets, 1½”
38197 - Sputnik drain gaskets , 2”

78428 - Drain tube for Surge® Fast Flow drain, copy

78414 - Rubber drain elbow for DeLaval® Milk Pump

Parts for Quart Jar Moisture Trap

20246 - Rubber seal for trap head
10439 - Ball for trap
20237 - Jar only with drain hole
20242 - Wire holder for jar
20247 - White plastic jar holder
20248 - Rubber drain check valve

Transfer Station Parts

38147 - Dumping station wheel, ***small (requires 1 per station)***
38149 - Dumping station wheel, ***large (requires 2 per station)***
38207 - Replacement hose dryer motor
23251 - 5” Dumping station ball

Releaser Jar Parts

38213 - White cylinder gasket, ***for 1600 or 1800 releaser***
38220 - Clear elbow with thread, 5/8”, ***for 1800 releaser***
38215 - Blue elbow with thread, 1/2”, ***for 1800 releaser***
38211 - Rubber seal for releaser rod
54318 - Jar bracket gasket ***(2 required per jar)***
56224 - Restrictor with red cap, ***for Bender releaser***
56225 - Red cap, ***ONLY***

Check Valves for Releasers and Parts

38500 - 1” x 1½” x 1” O.D. assembly, ***for drain hose***
38525 - 1½” glass to 5/8” I.D. s/s assembly, ***for large Bender releaser***
38527 - 1½” glass to 3/4” I.D. s/s assembly, ***for large Bender releaser***
38545 - 1½” x 1½” x 1½” tee assembly, ***for small Bender releaser***
10419 - 1½” Rubber flapper valve for Tri-clamp fitting ***(large)***
10415 - Stainless flapper valve seat for 1½”

NEW ITEM

38100 - Stainless moisture trap assembly for Bender Releaser

Kleen-Flo® Milk Filter Assemblies

These side discharge filter assemblies are sold complete with the o-ring and flat white gasket. Our standard stock filters are available with an 1½" or 2" tri-clamp ferrule on each end. The 4" heavy duty clamp is included.

All Kleen-Flo® milk filter assemblies are a closed bottom strainers, and require the sock filter (not the tube filter).

3 X 23 1/2" Filters

10320 - 3" x 23" filter assembly, side discharge
(Uses 3 1/2" x 23 1/2" filter socks)
10322 - 3" x 23" filter insert, side discharge
10318 - O-ring for 3 X 23 1/2"
10319 - White flat seal gasket for 3" X 23 1/2"

4 7/8" Filters for 17" and 33"

20738 - 4" x 17" x 1 1/2" side discharge filter assembly
20733 - 4" x 33" x 1 1/2" side discharge filter assembly
20752 - 4" x 33" x 2" side discharge filter assembly
20728 - Replacement stainless insert for 4 7/8" x 33" filter
20742 - Replacement stainless insert for 4 7/8" x 17" filter

Parts for 4" Side Discharge Filter

20731 - White flat seal gasket for 4"
20732 - Two tabbed o-ring for 4"
54325 - 4" Pipeline gasket
17232 - 4" Heavy duty clamp
20737 - Plug for bottom of open end side discharge filter, (***not used in our filters)***

20731

20732

Parts for Old Style Straight Through Filters

20734 - Top discharge cap for tube filter, for 4 7/8 filter ***(for open bottom, straight through filter)***

20736 - Bottom discharge cap for tube filter ,for 4 7/8 filter ***(for open bottom, straight through filter)***

12" and 24" Filter Assemblies

38600 - 12" inline filter assembly, 5/8" I.D. ports
38601 - 12" inline filter assembly, 3/4" I.D. ports
38604 - Spring for 12" inline filter assembly

38610 - 24" inline filter assembly, 5/8" I.D. ports
38612 - 24" inline filter assembly, 3/4" I.D. ports
38616 - Spring for 24" inline filter assembly

38590 - 6" inline filter assembly, 5/8" I.D. ports
38591 - 6" inline filter assembly, 3/4" I.D. ports
38594 - Spring for 6" inline filter assembly

19547 - 1" rubber filter grommet
(These are the ones we use in our assemblies)

19549 - 1½" rubber filter grommet

Kleen-Flo® Milk Filter Assemblies

Stainless Front End Filter Dispensers

20794 - For 2¼" x 24" up to 3" x 23½" filters
20745 - For up to 4 7/8" x 36" filters
20748 - For up to 4 7/8" x 17" filters
20747 - Black knob for filter dispenser

NEW FEATURE
Spring Loaded Hinge

20780 - Light Duty Stainless Strainer
Includes: inside mesh strainer, o-ring and box of 100 filter disks

FREE BOX OF FILTERS WITH PURCHASE OF STRAINER

NEW ITEMS

20782 - Stainless screen

20783 - 6½" filter disk for milk strainer
(box of 100)

Great for the Hobby Farmer

NEW ITEM

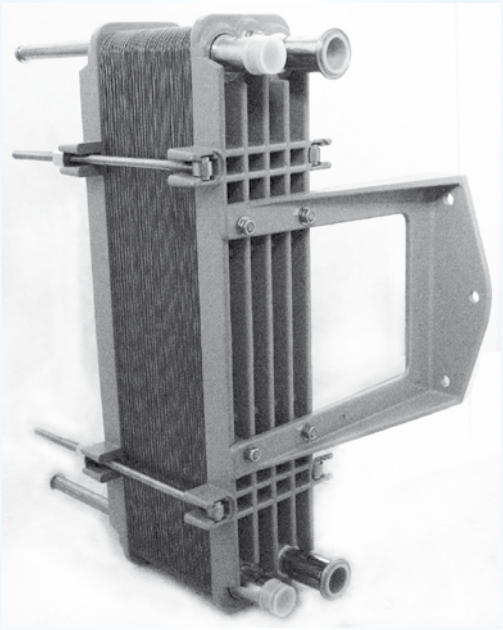
Calf Blankets

75000 - Large
75008 - X-Large
75016 - XX-Large
75024 - Jersey

Please specify color - Blue or Black
Other colors are available by request, with a 1 - 2 week lead time

Skellerup M-Style Single Pass Plate Coolers

- 3 - A Approved
- All stainless Center plates
- 1½" milk ports
- 1" water ports NPT
- Lower your electricity bill by installing an M-Style Plate Cooler
- Longer compressor life



20930 - 30 plate.....Maximum of 480 gallons of milk per hour
20942 - 42 plate.....Maximum of 675 gallons of milk per hour
20954 - 54 plate.....Maximum of 960 gallons of milk per hour
20961 - Inlet/outlet gasket for M-Series plate cooler

Plate Cooler Parts

NEW ITEM

21030 - 1" EZ Solenoid valve (110 volt)
21031 - 1" EZ Solenoid valve (220 volt)
21032 - Coil only for EZ solenoid valve (110 volt)
21033 - Coil only for EZ solenoid valve (220 volt)
21034 - Rebuilt kit for EZ solenoid valve

Parts for the old brass solenoids

20817 - Coil only for 1" Brass solenoid valve, 110 volt
20818 - Coil only for 1" Brass solenoid valve, 220 volt
20819 - Rebuild kit for brass solenoid valve
20815 - Standard size plate only, for ***old style*** dual pass or single pass

20825 - Stainless screen for 1½"

20827 - Stainless screen for 2"

Tube Coolers

E-Zee's low maintenance, all stainless tube coolers are only available in 10' lengths. Comes with a 3" tri-clamp fitting on each end, and the water fittings are for 2" NPT. The interior consists of 30 small stainless steel tubes.

10380

10380 - 3" tube cooler, 30 tube - 10' length
54432 - 3" x 1½" concentric reducers
54462 - 3" x 1½" eccentric reducers
10355 - Complete reducer kits
Includes: 1 eccentric 1½" x 3" reducer, 1 concentric 1½" x 3" reducer, 2 - 3" clamps, and 2 - 3" gaskets

#10355

New Style Kleen-Flo® Plate Coolers

• Milk Inlet and Outlet size 1½" • Water Inlet Size 1" NPT
• Plate size 5" x 21½"

Part #	Description	Milk Cooled/Hour (Gals.	Lbs.)	Water Necessary for Max. Gallons of Milk (gallons)
20843	57-Plate Dual Pass	450	350	1,350
20837	31-Plate Single Pass	450	350	1,350
20839	57-Plate Single Pass	950	750	2,850

20809 - Blank plate with gasket for Kleen-Flo® Single Pass Cooler, ***(or replaces Mueller)***

20805 - Standard plate with gasket for Kleen-Flo® plate cooler (or replaces Mueller)

20848 - Gasket only, ***for standard plate***

20807 - Bracket for plate cooler

20849 - 5 oz. Adhesive glue for gaskets

20853 - Back plate with gasket for Dual Pass

20841 - Inlet/outlet gasket for Dual Pass

20852 - Center plate with gasket for Dual Pass

Eco Plate Coolers

NEW ITEM

A MORE ECONOMICAL, ALL STAINLESS, PLATE COOLER.

Part #	Description	Milk Cooled/Hour (Gals.	Lbs.)	Water Necessary for Max. Gallons of Milk (gallons)
21010	31 - Plate Single Pass	450	350	1,350
21012	55 - Plate Single Pass	450	350	1,350
21014	54 - Plate Dual Pass	950	750	2,850

Plate Cooler Parts

21016 - Eco plate with gasket

21018 - Eco Inlet/outlet gasket

"Live simply that others might simply live."
-- Elizabeth Seaton

Live Well, Love Much, Laugh Often
-- Janet Alario

CIP's and Parts

Heavy Duty Rack

These heavy duty all stainless CIP racks are designed to fit almost any style of claw, including the 300cc or the Harmony®.

U-bolts to mount the racks are sold separately, 10248.

HIGH POLISH FINISH

10240 - Heavy duty hang-all rack, ***Only***
10250 - Complete assembly, less u-bolts ***with #7350 cups for 06 shell***
10252 - Complete assembly less u-bolts ***with #7340 cups for BM shell***
10254 - Complete assembly, less u-bolts ***with #7330 cups for Surge® and Universal® shells***
10256 - Complete assembly, less u-bolts ***with #7360 cups***

Light Duty Rack

10235 - Light duty CIP Rack with rod cup supports, ***Only***
10236 - Complete assembly ***with #7350 cups for 06***
10237 - Complete assembly ***with #7340 cups for BM***
10238 - Complete assembly ***with #7330 cups for Surge®***
10239 - Complete assembly ***with #7360 cups***

CIP Rack Assemblies Include: Stainless CIP tee, duckbill drain and 4 jetter cups

Rubber Cups ONLY for Heavy Duty and Light Duty CIP Racks

25160 - #7350 for DeLaval® shells, 1 3/8" I.D. opening
25161 - #7340 for BouMatic® shells, 1½" I.D. opening
25162 - #7330 for Surge® shells, 2" I.D. opening
25163 - #7360 for DeLaval® 6100 shells and also for some Westfalia® shells, 1½" I.D. opening

Compact, high quality, stainless steel Drawer style CIP with excellent drainage. The rubber cups are a sturdy "snap in" style for quick attachment and removal. The bottom slot openings allow exceptional drainage.

Kleen-Flo® Drawer Style CIP Rack and Parts

10261 - Complete CIP Rack assembly,
with 27325 rubber cups for DL, tee and duckbill
10262 - Complete CIP Rack assembly,
with 27322 rubber cups for BM, tee and duckbill
10265 - CIP Rack ONLY
10268 - Black knob for drawer
10269 - Stop guide for drawer
27325 - Rubber cup, for DeLaval® or Westfalia®
27322 - Rubber cup, for BouMatic® or Surge®

Drawer size
12" long
8 1/2" wide x
2 1/4" deep

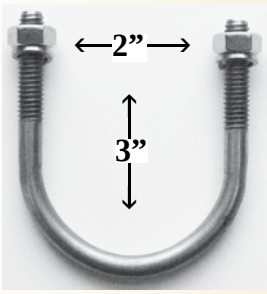
10360 - Stainless distributor tee, out of line

18037 - Duckbills

59206 - Plastic restrictors for CIP Tee

25168 - Old Style Replacement jetter cup for DL wash rack (7310)

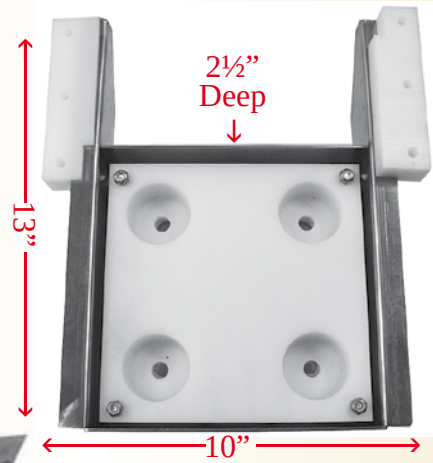
10248 - Stainless U-Bolts with nuts and washers



CIP's and Parts

Under-Curb Sliding CIP

This CIP mounts with side blocks. The tray has stops so the drawer cannot be pulled out. The drain is a 5/8" ID stainless nipple coming straight out of the bottom



10274 - Under curb mount sliding CIP rack ***(47mm version)***
Includes block, for smaller head inflation

10275 - Under curb mount sliding CIP rack ***(51mm version)***
Includes block, for DL or WF shells

10277 - Under curb mount sliding CIP rack ***(57 mm version)***
Includes block, for Surge® or BM shells

10279 - O-ring for under curb CIP

10281 - 47 mm block ***only*** for under curb CIP, ***for smaller head inflations***

10282 - 51 mm block ***only*** for under curb CIP, ***for DL or WF shells***

10283 - 57 mm block ***only*** for under curb CIP, ***for Surge® or BM shells***

10286 - Set of 2 mounting slides for under curb CIP

10273 - Drain assembly for Drawer or Fold Down CIP rack

10285 - Stainless mounting plate for Under Curb CIP rack

Fold Down CIP Tray and Copy Parts

This Sturdy Fold Down CIP only requires minimal curb space when in upright position - 5/8" wash nipple comes out the side to avoid pinching the hose when unit is lowered

10291 - 51mm, for DL or WF shells
10292 - 57mm, for Surge® or BM shells
10293 - 47mm for smaller head inflation
10302 - 47mm block, for smaller head inflations
10303 - 51mm block, for DL or WF shells
10304 - 57mm block, for BM shells

NEW ITEMS

Copy H manifold for DL

21775

21755

21775 - Plastic H manifold for fold down CIP for DL
21755 - Radel CIP Rod for H manifold
21761 - Jetter cup for DL H block, for BM shell (7313)
21760 - Jetter cup for DL H block, for 06 shell (7312)

Our vertical wash vats are made from heavy duty 16 gauge stainless steel.

Vertical Wash Vats without Sight Glass

27050 - 50 gallon.....26”W x 30”H
27075 - 75 gallon.....26”W x 38”H
27100 - 100 gallon.....26”W x 47”H
27125 - 125 gallon.....31”W x 40”H
27175 - 175 gallon.....31”W x 57”H
27225 - 225 gallon.....38”W x 48”H

The 4 stainless legs on the bottom of this vat are designed to fit a standard 1½” O.D. tubing inside them. This allows the vat to be adjusted to whatever height desired. The drain on these vats consists of a 2” O.D., standard tubing (non threaded) and accepts the yellow motorized drains.

Vertical Wash Vats with Sight Glass

27050 - 50 gallon.....26”W x 30”H
27076 - 75 gallon.....26”W x 38”H
27101 - 100 gallon.....26”W x 47”H
27126 - 125 gallon.....31”W x 40”H
27176 - 175 gallon.....31”W x 57”H
27226 - 225 gallon.....38”W x 48”H

Also available with a sight glass

Note: Height does not include the added length of the legs.

27090 - Stainless drain pan for wash vat. Dimensions = 30” square by 2” deep.
Designed to be set into the concrete on a new installation.

27004 - Leg extension for wash vats - 18” long **NEW ITEM**

All measurements listed below are from one inside wall to the next inside wall. The width of all vats are 18” and the depth of all vats are 12”. When filled with water , 2” from the top, the capacity of them is 0.61 gallons per inch. Take this times the length of the compartment and it gives you the capacity of the vat.

Horizontal - Single Wash Vats

21370 - 22”
21378 - 29”
21371 - 36”
21372 - 49”
21373 - 60”
21374 - 72”

All horizontal wash vats include stainless steel drain assembly and rubber stopper. Leg or wall brackets sold separately.

Horizontal - Double Wash Vats

21365 - 22”x22”
21367 - 22”x29”
21380 - 22”x36”
21369 - 22”x49”
21375 - 29”x29”

Made with 22 gauge stainless steel

Drain Assembly

21385 - Drain assembly with rubber stopper, 1¾” threads
21382 - Drain nut
21384 - Rubber washer for drain
21387 - Rubber stopper for drain

Brackets

21390 - Wall brackets for horizontal wash vat
21392 - Leg brackets for horizontal wash vat

Horizontal Wash Vat - Single - Deeper Style

All measurements listed below are from one inside wall to the next inside wall. The inside width of the deeper vats is 22” and the inside depth is 15½”. When filled with water, 2” from the top, the capacity of them is 0.61 gallons per inch. Take this times the length of the compartment and it gives you the capacity of the vat.

21355 - 30”
21356 - 40”
21357 - 50”
21358 - 60”

Brackets for Deeper Vats

Sold as a set

21397 - Wall Brackets (2) for deeper wash vat
21398 - Leg Brackets (2) for deeper wash vat

CALL US FOR PRICES ON OUR DISCOUNTED “SECONDS”
HORIZONTAL WASH VATS - VARIOUS SIZES ARE AVAILABLE

NEW ITEM

Hand Sink

Holds 4.5 gallons

Dimensions
17¼"W x 16¼"L x 6½"D

78280 - Hand sink with mounting bracket, faucet and drain
78282 - Faucet for hand sink
21385 - Drain assembly with rubber stopper, 1¾" threads

White Nylon Wash Plugs

3"

78405 - 4 piece - 3" wash plug set, ***less tee***
Includes: 2 gaskets, 1- short plug and 1- long plug
78400 - 5 piece - 3" wash plug set
Includes: 1- 3" tee, 2 gaskets, 1- short plug and 1- long plug
54329 - 3" Pipeline gasket
54313 - 3" tri clover tee
78406 - Short 3" plug only
78407 - Long 3" plug only

2"

78392 - 4 piece - 2" wash plug set, ***less tee***
Includes: 2 gaskets, 1- short plug and 1- long plug
78390 - 5 piece - 2" wash plug set
Includes: 1- 2" tee, 2 gaskets, 1- short plug and 1- long plug
54327 - 2" Pipeline gasket
54312 - 2" tri clover tee
78394 - Short 2" wash plug
78395 - Long 2" wash plug

NEW ITEM

10670 - 2" Air blow valve for 1½ check Y, 3/8" NPT

10685 - Stainless screen for air blow valve

10687 - Filter for air blow valve ***(PACK OF 10)***

NEW ITEM

Milk Wash Diverter Valves

78365 - Stainless 2" Milk/wash Diverter Valve
78367 - Stainless 2 1/2" Milk/wash Diverter Valve
78369 - Stainless 3" Milk/wash Diverter Valve
78371 - Stainless 4" Milk/wash Diverter Valve

Depend-o-Drains and Parts

22023 - 110 volt Depend-o-drain, yellow motorized drain ***with black splash cover, plate flapper style - normally open*** (DOD #20240401)

22025 - 220 volt Depend-o-drain, yellow motorized drain ***with black splash cover, plate flapper style - normally open*** (DOD #20241402)

22022 - 110 volt Depend-o-drain, grey motor cover, ball valve style - ***normally open*** (DOD #20730510)

22032 - 220 volt Depend-o-drain, grey motor cover, ball valve style - ***normally open*** (DOD #20731810)

22020 - 110 volt Depend-o-drain, grey motor cover, ball valve style - ***normally closed*** (DOD #20750400)

22019 - 220 volt Depend-o-drain, grey motor cover, ball valve style - ***normally closed***

22033 - 24 volt AC Depend-o-drain, standard, ***with black splash cover, plate flapper style***

22034 - 24 volt AC Depend-o-drain, standard, grey motor cover

22035 - Transformer for Depend o drain, ***110 volt***

22036 - Transformer for Depend o drain, ***220 volt***

22037 - Transformer for Depend-O-Drain, ***24 volt***

22024 - 110 volt motor, ***ONLY***

22026 - 220 volt motor, **ONLY**

22027 - 4 piece Depend-o-drain seal plate assembly.
Includes: Stainless plate for rubber seal, rubber seal, spring & screw. All these parts are put together.

Ball Style with Gray motor cover are CSA Approved

NOT CSA Approved

Bender Washers and Parts

78540 - Bender diverter, 110 volt
78541 - Bender diverter, 220 volt
78536 - Bender diverter solenoid, 110 volt
78538 - Bender diverter solenoid, 220 volt
78542 - Stopper rod assembly ***for Bender diverters***
78546 - Bender diverter gasket ***(2 needed per diverter)***

78500 - #8500 Bender Washers, 110 volt
78507 - O-ring seal for jar on Bender Washer
78725 - Timer with harness ***for Delaval® 3000, 8500 & 9750 washers***
78750 - #9750 New Style Timer ONLY, ***for Bender 8500 washer***
78569 - Pressure switch ***for Bender Washer***
78510 - Detergent top assembly ***for 8500 washer***
78515 - Detergent and acid jar ***for Bender 8500 washer***

78495 - Honeywell limit switch for washers

78425 - Older style MAC valves for Surge® Vacuum Wash Control

Water Valves for Pipeline Washers

22029 - 110 volt blue water valve, ***complete assembly***

22028 - 220 volt blue water valve, ***complete assembly***

20990 - 110 volt coils only for Blue Water Valve

20989 - 220 volt coils only for Blue Water Valve

22004 - Repair kit for Blue Water Valve, ***Requires 2 for the double valve assembly***

Electrobrain® Washer Parts

21005 - Jar gasket
21001 - White teflon cam for jar holder
05280 - Retrofit kit ***less*** jars (#7750-0033-502)
05281 - Retrofit kit ***with*** jars (#7750-0033-503)
05285 - Plastic jar for Electrobrain® (#7750-0014-095)

Butterfly Valves

All stainless, with silicone seals, with black plastic knob on the end of handle.

4 Locking Positions
316 Stainless

Ferruled

17080 - 1½" Tri-clamp valve
17081 - 2" Tri-clamp valve
17083 - 2½" Tri-clamp valve
17082 - 3" Tri-clamp valve
17084 - 4" Tri-clamp valve

Weld On

17101 - 1½" Weld on valve
17102 - 2" Weld on valve
17103 - 3" Weld on valve

Parts

17086 - Knob only
17091 - 1½" Butterfly valve seal ***(black)***
17092 - 2" Butterfly valve seal ***(black)***
17090 - 2½" Butterfly valve seal ***(black)***
17093 - 3" Butterfly valve seal ***(black)***

Other sizes by Special Order

Kleen Flo Butterfly Valves

3 Locking Positions
304 Stainless

Ferruled

17061 - 1½" Tri-clamp valve
17062 - 2" Tri-clamp valve
17063 - 2½" Tri-clamp valve
17064 - 3" Tri-clamp valve
17065 - 4" Tri-clamp valve

Weld On

17071 - 1½" Weld on valve
17072 - 2" Weld on valve
17073 - 2½" Weld on valve
17074 - 3" Weld on valve
17075 - 4" Weld on valve

Tri-Clamp x Thread

17045 - 1½" Tri-clamp x Thread
17046 - 2" Tri-clamp x Thread
17047 - 2½" Tri-clamp x Thread
17048 - 3" Tri-clamp x Thread

Seals (orange)

17051 - 1½" Butterfly valve seal
17052 - 2" Butterfly valve seal
17053 - 2½" Butterfly valve seal
17054 - 3" Butterfly valve seal
17055 - 4" Butterfly valve seal

Bulk Tank Valves

17111 - 1½" Bevel seat to thread, includes nut
17112 - 2" Bevel seat to thread, includes nut
17113 - 3" Bevel seat to thread, includes nut

4 Locking Positions
316 Stainless

Other sizes by Special Order

Backflush Valve and Parts

96550 - Backflush valve, 7/16" - 20" thread on teflon block and cylinder
96530 - Teflon block
96536 - Spring
96538 - Pin
96548 - Cylinder

NuPulse / HOLDREN BROTHERS

Model 3 Tank Washer

80001600NP
- Model 3 Tank Washer

Model 12 Pipeline Washer

80001660NP
- Model 12 Pipeline Washer

FEATURES

- *Wall mounting of control panel keeps components away from the corrosive environment near the wash vat.*
- *The Model 3 & Model 12 is internally fused for added safety.*
- *One piece manifold directs water without problems of leaking hoses.*

BENEFITS

- *Timer assembly, switches, and motor can be replaced individually -- no need to replace entire unit.*
- *Pressure sensitive water level monitor assures constant gallonage regardless of water supply fluctuations.*

70000011NP - Coated Quart Jar for Holdren washer

Model 23 Control Panel

80001735NP -
Model 23 Control Panel

The Model 23 Pipeline Washer is designed to automatically clean and sanitize dairy farm pipelines with minimal labor and expense. The 24 hour sanitize timer allows the user to set the time of day the pipeline will be automatically sanitized. The modular unit can be connected to the dairy-man's choice of remote water and chemical systems.

BENEFITS

- *Helps prevent component corrosion.*
- *Protects components from electrical shorts.*
- *Easy to tailor the washing cycles to fit the requirements of the system.*
- *Is not affected by power outages or electronic freeze-ups.*
- *More reliable and lower replacement costs.*
- *Isolates high voltage from control unit.*
- *Easier and faster installation.*
- *Assures proper water level in wash vat regardless of fluctuations in water pressure.*

Dairy Clean CIP System

NEW ITEM

79332 - Pro Laundry 3000, 32 oz dispenser
79350 - Dema 50 oz dispenser

Air Injectors

Kleen-Flo® High Capacity Air Injectors and Copy Parts

This Air Injector is designed for both large and small dairies. Comes with 2 end caps drilled out in different sizes to fit your needs. The diaphragm interchanges with the D/L Air Injector.

78775 - Complete Kleen-Flo® 110 Volt Air Injector Package
Includes: control box and a 2" stainless remote valve

78766 - Complete Kleen-Flo® 110 Volt Air Injector Package
Includes: control box and a 1½" stainless remote valve

78776 - Dual Air Injector Package ***Includes: 2 - 2" stainless remote valves***

78785 - Vacuum piloted remote air injector valve, 2"

78782 - Vacuum piloted remote air injector valve, 1½"

78778 - 110 Volt air injector control box ***with #78820 board***

78410 - 110 Volt Mac valve solenoid for Delaval® air injector

78795 - Diaphragm ***Includes: Delrin Spool***

78798 - Filter

78812 - End cap with hole

78810 - Delrin spool

78785

78795

12 Volt DC Air Injector - Same as above but 12 volt DC instead of 110 volts

78825 - Kleen-Flo air injector control box, ***without remote***

78828 - Kleen-Flo air injector control box, ***with 2" stainless remote valve***

Copy Circuit Board for Kleen-Flo® Air Injector

• Specially designed for "Trombone" systems in mind • 120 VAC input and output • ON/OFF Times adjustable from .5 seconds to 31.5 seconds in ½ second increments via on board dip switches

78820 - Replacement board for Kleen-Flo®, Delaval® or Surge® air injectors

E-Zee/NuPulse Air Injectors and Copy Parts

• Full 2" Flow Through Capacity
• Handles the Output of Almost Any Milk Pump
• Low Maintenance
• Quiet Operation
• Easily adapts to a PVC drain pipe

D381673NP
Diaphragm for Diverter and Air Injector
↔

• Mounts on 2" Tri-clamp
• Quiet Operation
• Precise Air Adjustment
• Easy Timing Adjustment
• Filtered Air
• Simple to Install

31700NP - NuPulse Wash Diverter

31850NP - NuPulse Whisper Jet Air Injector

78955 & 78956

• 2" Ferrule for Air Injector
• Cleans Milk Lines Thoroughly
• Simplifies the Washing Setup
• Less Piping from Milk Room to Parlor
• Cleaner Milking Equipment

78945

78955* - Slugger air injector assembly for single 3" line, less air injector

78956* - Slugger air injector assembly for single 4" line, less air injector

****Straight pipe not included - length to be determined at each installation***

78945 - NuPulse Slugger Assembly, ***Complete with Whisper Jet Air Injector***

RJB Dippers and Parts

RJB Top & Side Dippers

Offer a unique way to dip teats

RJB Top & Side Dippers will generally reduce the amount of dip you are currently using by 25 to 75%.
(Depending on your present teat dip application method)

These Dippers are made from the latest technology in engineered plastics to give you a durable and quality teat dip cup that will last many seasons.

Top

76556 - Top Dipper, red
76558 - Top Dipper, yellow
76561 - Top Dipper, green
76563 - Top Dipper, blue
76565 - Top Dipper, clear

Side

76545 - Side Dipper, red
76547 - Side Dipper, yellow
76549 - Side Dipper, green
76551 - Side Dipper, blue
76552 - Side Dipper, clear

76603 -Bottle, clear for RJB dip cup

76606 - Clear teat guide

The Splash Guard Teat Guide (the clear ring) keeps the dip from spilling when the cup is rapidly moved from teat to teat.

Top Dipper & Side Dipper Foaming Dip Cups

Using foamed sanitizer on a dairy cow is one way to extend the contact time of the sanitizer on the teat. The unique patented shape of the cup, allows the teat to completely fill the cup, giving complete coverage from the tip to the base of the udder. Only about 4 cc of dip is needed to produce enough foam to cover 4 teats.

76612 - Top Teat Foaming Dipper

76609 - Side Teat Foaming Dipper

Can be used on all RJB Dippers

Powr Dipper PLUS Brush

SAVES 50% to 75%
TEAT DIP WHILE GETTING TOTAL COVERAGE

PowrDipper Plus is a device that can be snapped onto a standard cup, adding an extra ½ inch of depth and more than doubling the capacity of the cup. It is easily added to any RJB dip cup or **PowrDipper** when needed and can be removed to return to normal use. The **PowrDipper Plus** allows herdsmen to dip larger teats without taking extra care to get good coverage. Teat dip coverage of the teats is the same whether using the **PowrDipper Plus** or the standard cup.

76640 - PowrDipper PLUS (for cows with big teats)

76616 - PowrDipper PLUS Brush KIT

76671 - Replacement PLUS Brush, ONLY

76616

RJB Dippers and Parts

Micro-Touch Electric Teat Dip or Spray Pump

76700 - Micro-Touch Electric Pump 110 volt, ***with stainless box***

76705 - Micro-Touch Electric Pump 110 volt, ***ONLY***

76709 - Clear vinyl tubing ***100' Roll (1/4" ID x 3/8" OD)***

76718 - Drag hose, crack and scuff ***100' Roll (1/4" ID x 3/8" OD)***

76713 - Reinforced vinyl tubing used for higher pressure ***100' Roll (1/4" ID x 3/8" OD)***

PowrDippers ~ PowrSprayers

Sprayers

76724 - ***Top*** load PowrSprayer, ***with 6" wand***
76726 - ***Top*** load PowrSprayer, with 10" wand
76736 - ***Bottom*** load PowrSprayer, ***with 6" wand***
76738 - ***Bottom*** load PowrSprayer, ***with 10" wand***

Dippers

76728 - ***Top*** load PowrDipper, ***with 6" wand***
76730 - ***Top*** load PowrDipper, ***with 10" wand***
76732 - ***Bottom*** load PowrDipper, ***with 6" wand***
76734 - ***Bottom*** load PowrDipper, ***with 10" wand***

Parts

76721 - Coil hose for Top Load gun, with fittings
76740 - 6" wand for PowrSprayer
76741 - 10" wand for PowrDipper
76742 - 10" wand for PowrSprayer

76721

Portable PowrDipper

The Portable PowrDipper is the most efficient teat dip tool available today. The portable is worn by the person milking and has the advantage of always being ready to dip the teats just as the milking unit is removed. This helps to build a better teat dipping habit, since the sooner the teat is dipped after removing the milking machine, the better protection is against mastitis. The Portable PowrDipper, like the other PowrDippers, applies teat dip to the entire teat from its tip all the way to the bottom of the udder. It also uses up to 75% less dip and the tank contains enough solution to post dip up to 300 cows. Just a couple of pumps on the squeeze ball, supplies enough pressure to post dip 30 cows. If the person milking needs to momentarily leave the parlor, the dip tank can easily be removed and left in the parlor, without the need to remove the belt.

76650 - Portable PowrDipper, ***with 6" wand***

RJB Refillable Portable PowrSprayer II ~ PowrDipper II

Power up with a blast of compressed air and enough teat dip to effectively dip up to 140 cows with one filling

76661 - Portable PowrSprayer II, ***with 6" wand***
76660 - Portable PowrSprayer II, ***with 10" wand***

76656 - Portable PowrDipper II, ***with 6" wand***
76655 - Portable PowrDipper II, ***with 10" wand***
76664 - Belt and Holster with Towel Dispenser

Stainless Steel Fittings

Stainless Steel Tubing

54409 - 1" - 18 gauge, 340' per case
54410 - 1½" - 18 gauge, 340' per case
54412 - 2" - 18 gauge, 340' per case

54411 - 1½" - 16 gauge, 340' per case
54414 - 2" - 16 gauge, 340' per case
54416 - 2½" - 16 gauge, 220' per case
54418 - 3" - 16 gauge, 220' per case
54419 - 4" - 16 gauge, 100' per case

NOTICE:
TUBING PRICES ARE PER FOOT AND SUBJECT TO CHANGE WITHOUT NOTICE

Cutting and Welding of Stainless Steel Tubing

20281 - Cutting charges for stainless tubing
20282 - Labor charge to weld on ferrules for 1.5, 2, 2.5
20283 - Labor charge to weld on ferrules for 3, & 4"
20285 - Labor charge for inlet welding 9/16, 5/8, 3/4", 7/8"

NOTE: All 1" fittings connect with standard 1½ fittings.

Tri Clamp - 90° Stainless Elbows - Weld On

NEW ITEM **54600** - 1"
54300 - 1½"
54302 - 2"
54301 - 2½"
54303 - 3"
54304 - 4"

NEW ITEM **54601** - 1"
54306 - 1½"
54307 - 2"
54308 - 2½"
54309 - 3"
54305 - 4"

Tri Clamp - 45° Stainless Elbows - Weld On

NEW ITEM **54602** - 1"
54361 - 1½"
54362 - 2"
54363 - 2½"
54360 - 3"
54365 - 4"

NEW ITEM **54603** - 1"
54371 - 1½"
54372 - 2"
54370 - 2½"
54373 - 3"
54374 - 4"

Tri Clamp - Stainless Tees - Weld On

NEW ITEM **54609** - 1"
54310 - 1½"
54312 - 2"
54311 - 2½"
54313 - 3"
54314 - 4"

NEW ITEM **54608** - 1"
54390 - 1½"
54391 - 2"
54392 - 2½"
54393 - 3"
54394 - 4"

Stainless Steel Fittings

Long Weld Ferrules

NEW ITEM 54605 - 1”
54340 - 1½”
54342 - 2”
54341 - 2½”
54343 - 3”
54344 - 4”

Short Weld Ferrules

NEW ITEM 54604 - 1”
54350 - 1½”
54352 - 2”
54351 - 2½”
54353 - 3”
54354 - 4”

Roll On Ferrules

NEW ITEM 54607 - 1”
54330 - 1½”
54332 - 2”
54331 - 2½”
54333 - 3”
54334 - 4”

Roll On Ferrules for Surge®

54384 - 1½”
54385 - 2”

Roll On Ferrules for Glass

NEW ITEMS

54396 - 1½”

54397 - 2”

Weld On Ferrules for Glass

NEW ITEMS

54398 - 1½”

54399 - 2”

Standard - Pipeline Clamps - Heavy Duty

(Also called V-Bend Clamps)

54320 - 1½”
54322 - 2”
54321 - 2½”
54323 - 3”
54324 - 4”

17130 - 1½”
17131 - 2”
17132 - 2½”
17231 - 3”
17232 - 4”

End Caps With Nipple

61056 -	1½”	with 5/8” nipple	**(3/4” O.D.)**
61057 -	1½”	with 3/4” nipple	**(7/8” O.D.)**
61058 -	1½”	with 7/8” nipple	**(1” O.D.)**
61062 -	2”	with 5/8” nipple	**(3/4” O.D.)**
61063 -	2”	with 3/4” nipple	**(7/8” O.D.)**
61064 -	2”	with 7/8” nipple	**(1” O.D.)**

Tri-Clamp End Caps

Stainless

54291 - 1½”
54292 - 2”
54290 - 2½”
54293 - 3”
54294 - 4”

Plastic NEW ITEMS

78812 - 1½”
78814 - 2”

Hex Nuts

17121 - 1½”
17122 - 2”

Bevel Seats - for Hex Nuts

17126 - 1½”
17127 - 2”

Stainless Steel Fittings

- Pipeline Gaskets -

Standard Tri-Clamp Gaskets

99185 - 1”
54326 - 1½”
54327 - 2”
54328 - 2½”
54329 - 3”
54325 - 4”

White Teflon Gaskets

54387 - 1½”
54388 - 2”

Gaskets For Surge® line

54381 - 1½”
54382 - 2”

Gaskets For Glass line

54318 - 1½”
54319 - 2”

Bevel Gaskets

38196 - 1½”
38197 - 2”

Ferruled - Wash Y’s - Weld On

54490 - 1½” Wash Y
54491 - 2” Wash Y
54492 - 2½” Wash Y
54493 - 3” Wash Y

54485 - 1½” Wash Y
54486 - 2” Wash Y
54487 - 2½” Wash Y
54488 - 3” Wash Y

Concentric Reducers Ferruled

NEW ITEM **54610** - 1½” x 1”
54611 - 2” x 1”
54430 - 2” x 1½”
54431 - 2½” x 1½”
54432 - 3” x 1½”
54435 - 2½” x 2”
54436 - 3” x 2”
54440 - 3” x 2½”
54477 - 4” x 2”
54479 - 4” x 3”

Eccentric Reducers Ferruled

NEW ITEM **54612** - 1½” x 1”
54613 - 2” x 1”
54460 - 2” x 1 ½”
54461 - 2½” x 1½”
54462 - 3” x 1½”
54465 - 2½” x 2”
54466 - 3” x 2”
54470 - 3” x 2½”

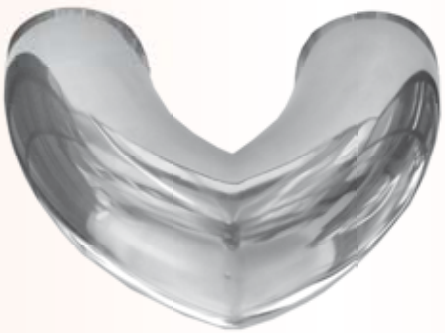
Ferruled - 180° U-Bends - Weld On

54511 -
1½" clamp on, ***4½" on center***
54512 -
2" clamp on, ***6" on center***
54513 -
2½" clamp on, ***7½" on center***
54514 -
3" clamp on, ***9" on center***
54515 -
4" clamp on, ***12" on center***

54521 -
1½" weld on, ***4½" on center***
54522 -
2" weld on, ***6" on center***
54523 -
2½" weld on, ***7½" on center***
54524 -
3" weld on, ***9" on center***
54525 -
4" weld on, ***12" on center***

Mitered Bend Ferruled

54572 -
2½" clamp on, ***6" on center***
54574 -
3" clamp on, ***6" on center***
54576 -
4" clamp on, ***6" on center***
54577 -
4" clamp on, ***9" on center***



Mitered Bend Weld On

54582 -
2½" weld on, ***6" on center***
54584 -
3" weld on, ***6" on center***
54586 -
4" weld on, ***6" on center***
54587 -
4" weld on, ***9" on center***

Milk Inlets

Custom Sizes Available

9/16" I.D. (11/16" O.D.)

56291 - 1½" x 9/16" clamp on inlet
56292 - 2" x 9/16" clamp on inlet
56293 - 3" x 9/16" clamp on inlet
56307 - 9/16" inlet only

5/8" I.D. (3/4" O.D.)

56310 - 1½" x 5/8" clamp on inlet
56311 - 2" x 5/8" clamp on inlet
56312 - 3" x 5/8" clamp on inlet
56305 - 5/8" inlet only

3/4" I.D. (7/8" O.D.)

56313 - 3" x 3/4" clamp on inlet
56314 - 4" x 3/4" clamp on inlet
56306 - 3/4" inlet only

1/8" I.D. (1" O.D.)

56295 - 3" x 1" clamp on inlet
56296 - 4" x 1" clamp on inlet
56308 - 1" inlet only

5/8" I.D. (3/4" O.D.) Inlets with 90 degree bend

Standard Milk Inlet

56340 - 1½" x 90 standard milk inlet, 5/8"
56341 - 2" x 90 standard milk inlet, 5/8"
56342 - 3" x 90 standard milk inlet, 5/8"
56343 - 4" x 90 standard milk inlet, 5/8"
56344 - 90 standard milk inlet nipple only, 5/8"

Parallel Milk Inlet

56335 - 1½" x 90 parallel milk inlet, 5/8"
56336 - 2" x 90 parallel milk inlet, 5/8"
56337 - 3" x 90 parallel milk inlet, 5/8"
56338 - 4" x 90 parallel milk inlet, 5/8"
56339 - 90 parallel milk inlet nipple only, 5/8"

Blank Inlet Covers

56346 - 1½" inlet cover with pad and clamp
56347 - 2" inlet cover with pad and clamp
56348 - 3" inlet cover with pad and clamp
56349 - 4" inlet cover with pad and clamp

Gaskets for 2" to 4" Pipe

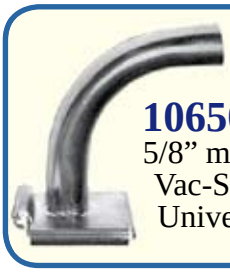
56303 - Gasket for 9/16" inlet ***(1 3/8" x 1 3/8" with 9/16" hole)***
56301 - Gasket for 5/8" inlet ***(1 3/8" x 1 3/8" with 5/8" hole)***
56302 - Gasket for 3/4" inlet ***(1 3/8" x 1 3/8" with 3/4" hole)***
56304 - Gasket for 1" inlet ***(1 3/8" x 1 3/8" with 1" hole)***

Gasket for 1 1/2" Pipe

56333 - Gasket for 5/8" inlet ***(1½" x 1 1/8" with 5/8" hole)***

Clamps

56315 - 1½" Clamp only
56316 - 2" Clamp only
56317 - 3" Clamp only
56318 - 4" Clamp only



10650 - Stainless 5/8" milk canes for Vac-Saver that fit Universal®, copy

56395
- Closure for Stainless DeLaval® manifold, copy

Nipple Closures

56375
- Brown Pipeline Nipple Closures for 5/8" I.D. ***(3/4" O.D.)***

56377
- Black Pipeline Nipple Closure for 5/8" I.D. ***(3/4" O.D.)***

56379
- Brown Pipeline Nipple Closure for 3/4" I.D. ***(7/8" O.D.)***

STRANGKO BLUE MILK VALVES

The best quality of all the aftermarket milk valves.

56421 - 1½” Blue plastic milk valve
56422 - 2” Blue plastic milk valve
56423 - 2½” Blue plastic milk valve
56424 - 3” Blue plastic milk valve

56325 - Grey gaskets for top of Blue milk valve
56327 - Flat gaskets for bottom of Blue milk valve

56320 - 5/8” Standard gooseneck for Blue milk valve

56319 - 5/8” Reversed gooseneck for Blue milk valve

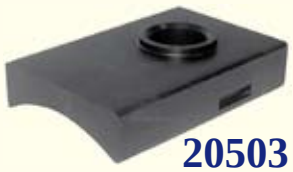
COPY STAINLESS LIGHT DUTY MILK VALVES

56328 - 2” milk valves - light duty - ***not recommended***
56329 - 3” milk valves - light duty - ***not recommended***
56332 - Top seal that fits stainless milk valve
56333 - Bottom seal that fits stainless milk valve ***(1 1/8” x 1 1/8” with 3/4” hole)***

COPY MILK VALVE PADS AND MILK CANES FOR SURGE®

20502 - Milk valve pad 2” x 5/8”
20503 - Milk valve pad 3” x 5/8”
20500 - Milk valve pad 2” x 9/16”
20504 - Milk valve pad 1½” x 9/16”
05265 - ORIGINAL pad 1½” x 5/8” ***(7750-0234-034 WF/S)***
20508 - E-clip that fits Surge® milk valve, copy ***(per bag of 10)***
20512 - Button spring for Surge milk valve, copy
136896 - Used white plug for Surge milk valve

20502



20503

17182 - 9/16” x 90° Stainless milk cane
17184 - 9/16” x 45° Stainless milk cane
17186 - 5/8” x 90° Stainless milk cane
17189 - 5/8” x 45° Stainless milk cane

17189

17186

INLETS, MILK CANES AND PARTS FOR DELAVAL®

20884 - Milk inlet for 1½” pipe, 5/8”, copy
20885 - Milk inlet for 2” pipe, 5/8”, copy
20887 - Milk inlet for 3” pipe, 5/8”, copy
20894 - Milk inlet for 1½” pipe, 9/16”, copy
20895 - Milk inlet for 2” pipe, 9/16”, copy
20897 - Milk inlet for 3” pipe, 9/16”, copy

20879 - 9/16” x 135° plastic cane for DL inlet, copy
20875 - 5/8” x 135° plastic cane for DL inlet, copy
03190 - 9/16” x 90° OEM plastic cane ***(830066106 DeLaval®)***
03195 - 5/8” x 90° OEM plastic cane ***(830570204 DeLaval®)***

20875 & 20879

03199 - 2” x 5/8”, stainless inlet, top entry, ***(830586280 DeLaval®)***
20880 - O-ring for 9/16” DeLaval® milk inlet, copy
20882 - O-ring for 5/8” DeLaval® milk inlet, copy

Chore Boy Parts

Look-In Claw Parts

18072 - Look in claw body gasket
18073 - Look in claw inner air chamber gasket
18076 - New style air chamber gasket for top
20619 - Center o-ring for look in claw
61324 - Thumb nut , auto take off
61325 - Look in claw nut
61326 - Look in claw retainer washer
61479 - Black alternating air manifold
61702 - Claw body cylinder

Pulse-Pro Pulsator Parts

18067 - Quad X ring (stem seal)
21170 - Pulsator electric coil
21171 - 55/45 circuit board
21173 - Coil to plate gasket
21341 - 60/40 circuit board
61506 - Filter cover plate
61510 - Armature assembly
61512 - Black pulsator body
61526 - Black pulsator lid assembly
61557 - Valve seat and sub plate assembly
16106 - Pulse Pro gasket
21211 - GTA filter
21214 - Pulsator body contact pins
21168 - Armature end cap
21169 - Armature end plug

Inflations & Air Tubes

12051 - set of 4 Kleen-Flo® Inflations
12057 - set of 4 Kleen-Flo® Inflations
12058 - set of 4 Maxi Flo Inflations
25154 - 1/4" x 7 1/2" Air Tube

Milk Pump Parts

14775 - Seal assembly for Kleen-Flo® 2 HP pump with gasket
14800 - 2 HP Kleen-Flo® impeller clip
14102 - 2 HP Kleen-Flo®F pump head gasket
14106 - Knob for Kleen-Flo® 2 HP pump
14756 - Ceramic and rubber seal
14758 - Cotter pin for 1 HP Anderson pump
14767 - New style Anderson backplate
14766 - New style body gasket for 14767
14769 - 4 blade milk pump impeller
14770 - Rotating head assembly
14810 - 1 HP Kleen-Flo® seal assembly ***(no gasket)***
14768 - Repair kit for new style Anderson pump

Quadra-Flo Claw Parts

16107 - CT40 Cross rib gasket
18076 - New style claw air chamber gasket
61467 - Hose adaptor, vented
61478 - Black alternating air manifold for Quadra Flo claw

GTA Pulsator Parts

14030 - 60 RPM GTA Motor
16106 - Puls Pro gasket for valve plate
18067 - Quad X ring
21211 - GTA filter
21214 - Pulsator body contact pins
61501 - GTA Pulsator body with plate
61504 - GTA slide valve
61505 - GTA valve plate
61506 - Filter cover plate
61509 - GTA body terminal

Stallcock Parts

61520 - GTA stallcock, thread on style
61499 - GTA stallcock with base and clamps
21206 - Platform base with o-ring
18067 - Quad X ring
18068 - O-ring for stallcock base
21198 - Stallcock cap
61503 - Stallcock body
61508 - Stallcock contact

Dump Chamber Parts

16513 - Lexan Dump chamber gasket
18026 - Dump chamber inlet valve
21196 - Lexan dump chamber

Misc. Chore Boy Parts

16500 - R 200 2-2 V gasket for 4 9/16" disc filter
18011 - CP58 plain hose plugs non-vented
18046 - 7/8" ID, 11/16" grommet
18047 - Flap valve grommet
18055 - S/L claw rubber cap
18056 - 1" drain rubber flap valve
20545 - Master control box timer
20547 - Master control box knob
20992 - Hot water valve
21243 - RPM Timer
22003 - S-51 valve (120 vac. coil)
22004 - Repair kit for blue water valve
58605 - White rippled trap body assembly
59206 - Wash restrictor plug
59929 - 16" probe rod with junction box
61554 - Multi tap control box AC output
61594 - Multi Tap control box DC output

Misc. Items

Poly Clamps and Mounting Rails for Hanging Pipe

NEW ITEMS

Poly Clamp For Stainless Pipe
- **54649** - 2½”
- **54650** - 1½”
- **54651** - 2”
- **54652** - 3”
- **54653** - 4”

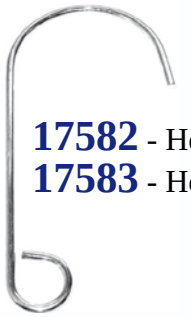
Poly Clamp For PVC Pipe
- **54654** - 2”
- **54655** - 3”
- **54656** - 4”
- **54657** - 1½”

Clamp Mounting Rail
- **54659** - 16”
- **54660** - 24”
- **54661** - 48”

17580 - Alternating hose clip for 5/8”

17578 - Alternating hose clip for 3/4”

17586 - Tension hanger For up to 2” line



17582 - Hose hook with single loop 2”
17583 - Hose hook with single loop 3”

17590 - 4’ Bungee cord, ***with clips and 3” hook***
17589 - 4’ Bungee cord, ***with clips and 2” hook***
17595 - 48” Bungee cord ***without hook***
17593 - Clip, ONLY
17598 - Bungee cord, ONLY ***(per foot)***

10000 - **C**opy stainless pipeline carrying hangers with handles

Hose Routing Ports

Custom Sizes Available

- A sanitary method for coupling hoses in subway mounted equipment
- Waterproof connection
- Designed for a standard 3” tri-clover fitting

61080 - 4 nipple subway cap with 4” tubes
Includes: 2- 9/32” (3/8” OD) tubes, 2 - 5/8” (¾” OD) tubes

61081 - 4 nipple subway cap with 4” tubes
Includes: 2- 9/32” (3/8” OD) tubes, 1 - 5/8” (¾” OD) tube, 1 - 3/4” (7/8” OD) tube

61090 - 4 nipple subway cap with 24” tubes
Includes: 2- 9/32” (3/8” OD) tubes, 2 - 5/8” (¾” OD) tubes

61091 - 4 nipple subway cap with 24” tubes
Includes: 2- 9/32” (3/8” OD) tubes, 1 - 5/8” (¾” OD) tube, 1 - 3/4” (7/8” OD) tube

61086 - 4 nipple subway cap with angled tubes
Includes: 2- 9/32” (3/8” OD) angled tubes, 1 - 5/8” (¾” OD) angled tube, 1 - 5/8” (3/4” OD) straight tube

61087 - 4 nipple subway cap with angled tubes
Includes: 2- 9/32” (3/8” OD) angled tubes, 1 - 3/4” (7/8” OD) angled tube, 1 - 5/8” (3/4” OD) straight tube

61299 - Blue L Bracket for pipeline with clamp kit ***(6” x 9”)***

61310 - Blue L Bracket Only ***(no clamps)***

61295 - Blue Extended L Bracket Only ***(no clamps) (6” x 11”)***

61301- Blue Extended U bracket for pipeline with clamp kit ***(6” x 5½ x 9”)***

61313 - Blue Extended U bracket only ***(no clamps)***

61305 - Blue U Bracket for pipeline with clamp kit ***(6” x 5½ x 6”)***

61316 - Blue U bracket only ***(no clamps)***

61317 - Stainless clip, ONLY ***for blue coated brackets***

NEW ITEM

Kleen Flo Pasteurizer

All stainless steel to protect your milk quality and flavor. Heavy duty two-gallon capacity milk pasteurizer uses the same principles of pressurized heating and vacuum-sealed cooling found in the best commercial pasteurizers.

Thermostatic control ensures preservation of natural flavor while eliminating all harmful bacteria. The milk is heated in the inner milk container in a hot water bath to a preset temperature of approximately 158° at which time a buzzer sounds. Hot water is drained off and cold water is circulated to cool the milk.

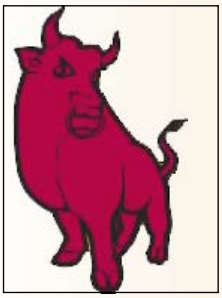
Pasteurizer includes inner and outer stainless steel buckets, lid, gasket, hoses and instructions. Ship Wt. 12 lbs.

Adjustable Theromostat

30500 - 2 Gallon Kleen Flo Pasteurizer 110 volt
30520 - 2 Gallon Kleen Flo Pasteurizer 220 volt

NEW PRODUCT

Scoop Shovels



The Bull Scoop Features:

- 8x stronger and more flexible than other brands
- Over 1 year in testing and development
- Back-saving handle design
- Limited lifetime warranty
- Made in Lancaster County, PA

#56190 - 14 x 30 (Length 48.5” Weight 5.625 lbs)
#56191 - 14 x 36 (Length 52.5” Weight 5.75 lbs)
#56192 - 14 x 40 (Length 56.5” Weight 5.87 lbs)

The Bully Scoop Features:

- 5x stronger than other brands
- More light weight than bull scoop
- Similar to 10 gauge sold nationally
- Over 1 year in testing and development
- Indestructible Poly D-Grip
- Back-saving handle design
- Limited lifetime warranty
- Made in Lancaster County, PA

#56186 - 14 x 30 (Length 48.5” Weight 4.14 lbs)
#56187 - 14 x 36 (Length 52.5” Weight 5.01 lbs)
#56188 - 14 x 40 (Length 56.5” Weight 5.05 lbs)

Can be shipped via UPS

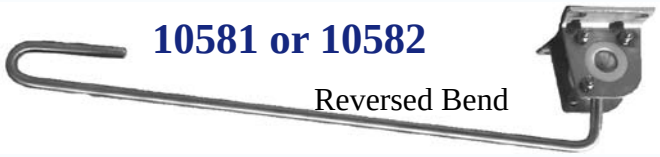
Hose Supports

10552 or 10554

Standard Bend

10581 or 10582

Reversed Bend



Custom Designed
Lengths and Styles are Available.
Call for Pricing.

10586

Standard Double Bend

10588

Reversed Double Bend

1½" I.D. - 1¾" O.D. or 2" I.D. - 2½" O.D. Hose Supports

The 1½" U-bolts will fit up to a 1¾" O.D pipe and the 2" U-bolts will fit up to a 2½" O.D. pipe.

10552 - Hose support, with stainless ball, 21" arm, Standard Bend
10554 - Hose support, with stainless ball, 24" arm, Standard Bend
10581 - Hose support, with stainless ball, 21" arm, Reversed Bend
10582 - Hose support, with stainless ball, 24" arm, Reversed Bend
10586 - Hose support, with stainless ball, 21" arm, with Standard Double Bend
10588 - Hose support, with stainless ball, 21" arm, with Reversed Double Bend

ALL STAINLESS

All Hose Supports are individually boxed with:
2 - 1½" U-bolts
2 - 2" U-bolts

Parts

10553 - White plastic sleeve, for hose supports
10551 - U-bolt for 1½" hose support, with nuts and washers
10549 - U-bolt for 2" hose support, with nuts and washers
10595 - Set of 2 brackets to mount the stainless ball hose support arms to square tubing
10546 - Right hand bracket only
10547 - Left hand bracket only
10589 - Stainless ball only for hose support, ***(replaces blue plastic ball)***

We have mounting brackets available to adapt to square tubing. Please specify if you are mounting to square tubing instead of pipe, so we can replace the u-bolts with our specially designed flat brackets.

10553

Rod and Ball ONLY, no other parts are included

10567 - Hose support arm with 21" standard bend
10568 - Hose support arm with 24" standard bend
10569 - Hose support arm with 21" reversed bend
10570 - Hose support arm with 24" reversed bend
10573 - Hose support arm with standard double bend, 21"
10574 - Hose support arm with reversed double bend, 21"

Red Knuckle Hose Supports

10565 - 1½" Knuckle assembly (complete support less rod)
10566 - 2" Knuckle assembly (complete support less rod)
10561 - Strap only for 2" hose support
10562 - Strap only for 1½" hose support

New Waikato® Milk Meters

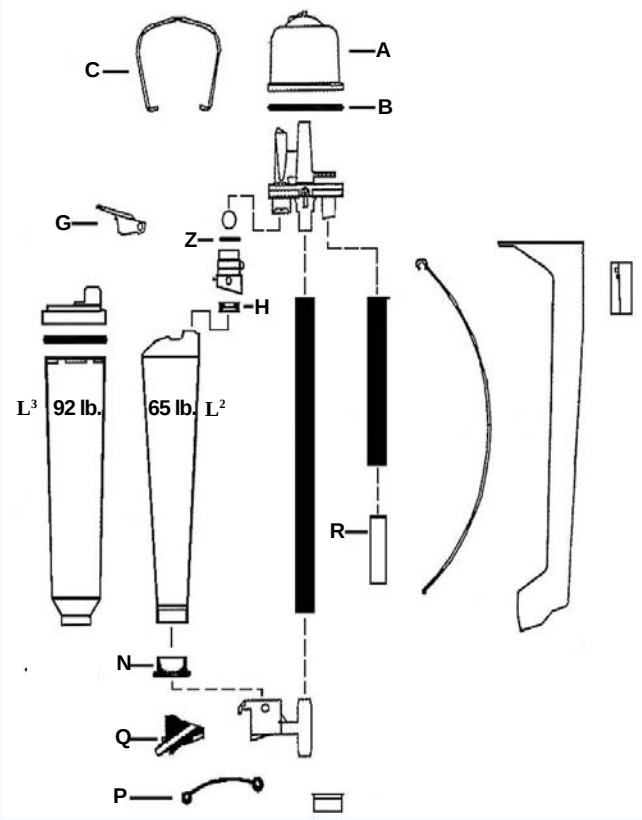
84265 - 65 lb Waikato® meter, with V block, ***lbs and kilos***
84266 - 65 lb Waikato® meter, with stainless portable hanger, ***lbs and kilos***
84292 - 92 lb Waikato® meter, with V block, ***lbs only***
84293 - 92 lb Waikato® meter, with stainless portable hanger, ***lbs only***
84296 - 42KG (92 lb) Waikato® meter with V block, ***42 kilos only***
84297 - 42KG (92 lb) Waikato® meter with portable stainless hanger, ***42 kilos only***

84267
- Hangers to make Waikato® meters portable

84269
- Complete V-Block assembly

84261 - 5 piece replacement repair kit for meter, copy (Includes B, H, Q, P and Z)
84263 - 6 piece replacement repair kit for meter, copy (Includes B, H, N, Q, P and Z)

84250 - Cover for Waikato® meter.....A
84275 - Gasket for dome, copy.....B
84251 - Cover clip for Waikato® meter.....C
84257 - Flask depressor for Waikato® meter.....G
84278 - Valve housing /Flask Seal.....H
84264 - Flask for 65 lb/30 KG meter.....L^2
84298 - Flask for 42 KG meter.....L^3
84294 - Flask for 92 lb meter.....L^{3A}
84270 - Bung (open flask), copy.....N
84259 - Tap strap only, copy.....P
84260 - 3 way tap with strap, copy.....Q
99890 - 2 ½" x 5/8" stainless tube, copy.....R
84273 - Flask depressor o-ring, copy.....Z



Stainless Steel Buckets

65 Pound

30165 - Short handle
30166 - Long handle
13½"W x 18½"H

75 Pound

30175 - Short handle
30176 - Long handle
13½"W x 20"H

55 Pound

30155 - Short handle
30156 - Long handle
12¾"W x 18½"H

30180 - Short handle
30181 - Long handle
14¼"W x 19½"H

80 Pound

- 304 stainless steel buckets
- Please specify, via part number, if you need a short or long handle when ordering.
- See pages 74 & 75 for lids.

35 Pound

30135 - Short handle
30136 - Long handle
11½"W X 13¾"H

90 Pound

30190 - Short handle
30191 - Long handle
14¼"W x 20½"H

Miscellaneous Bucket Parts

30151 - Short handle only for regular stainless bucket
30152 - Long handle only for regular stainless bucket
30154 - Trimming charge to make bucket fit WF lid
30157 - Bucket tilt handle for bottom rim
30159 - Stainless hanger to hang up bucket

30159

Stainless Steel Milk Carrying Cans

WITH LID

30120 - 2 quart
30122 - 5 quart
30125 - 10 quart

Heavy Duty Stainless Buckets and Handles

NEW

40155 - 55 lb with short handle
40156 - 55 lb with long handle
40165 - 65 lb with short handle
40166 - 65 lb with long handle
40175 - 75 lb with short handle
40176 - 75 lb with long handle
40180 - 80 lb with short handle
40181 - 80 lb with long handle
40182 - Short handle
40183 - Long handle

68lb Plastic Buckets and Handles

No Warranty On Plastic Buckets

30300 - Bucket *with short handle*
30304 - Bucket *with long handle*

Handles Only

30301 - Short handle
30302 - Long handle

Stainless Steel Milk Cans

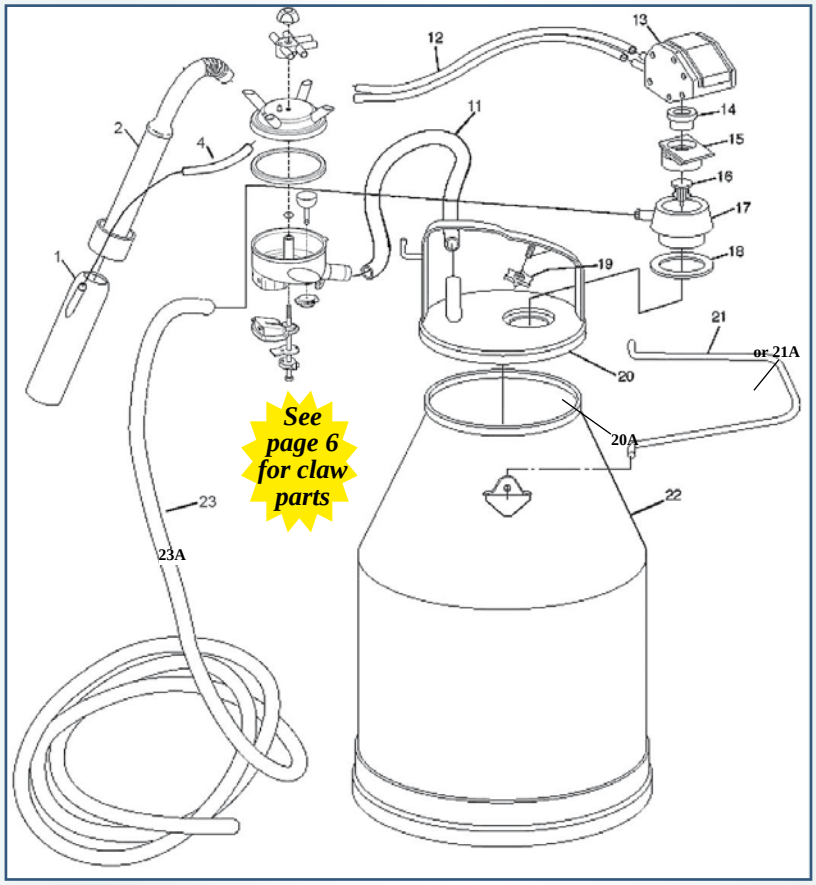
These cans are made of 18 gauge stainless and are for holding milk only and are not designed to have vacuum applied. Lid and gasket are included. Lids have a silicone seal. The lid attaches using 2 "snap down" latches directly across from each other. These milk cans are not stackable.

30194 - 70 lb can with cover, ***19½" x 13"***
30192 - 90 lb can with cover, ***24" x 13"***
30197 - 100 lb can with cover, ***25" x 14"***
30195 - Silicone gasket for milk can lid

Buckets ~ Lids ~ Parts

See page 21 for pulsator parts

Bucket units come with a #14300 Style Claw. If you need the #10867 claw you will need to order part #30075 in addition to the unit you are ordering. There is no additional charge.



See page 6 for claw parts

Complete Bucket Units with D#95 Pulsation and 14300 Kleen Flo Claw

30010 - 55 lb S/S Bucket
30015 - 65 lb S/S Bucket
30020 - 75 lb S/S Bucket
30025 - 80 lb S/S Bucket
30030 - 90 lb S/S Bucket
30045 - 68 lb Plastic Bucket
30002 - Complete unit LESS bucket

See page 82 & 83 for portable vacuum pumps

Complete Bucket Units with other Pulsation and 14300 Kleen Flo Claw

30100 - 80 lb S/S Bucket with HP102 pulsator
30110 - 80 lb S/S Bucket with Vacupuls pulsator

1	10010	Rolled edge shell
2	25003	KF-01 inflation
4	25150	9” air tube
5	14300	New style claw with valve
		(see page 6 for claw parts)
11	25145	32” x 5/8” clear milk hose
12	25143	37” x 9/32” twin rubber hose
13	20360	D#95 pulsator assembly
		(see page 21 for pulsator parts)
14-18	23031	Complete adaptor for D#95
14	23029	Chamber seal
15	23040	Chamber slide
16	23027	Check valve for chamber
17	23056	Chamber housing
18	23028	Chamber gasket
19	33004	Plastic lid nut
19	33002	Stainless lid nut
20	33000	Stainless lid
20A	25195	Lid gasket
21	30151	Stainless handle, short
21A	30152	Stainless handle, long
22	30165	65 lb bucket
23	25141	6’ x 1/2” rubber vacuum hose
23A	25140	14’ x 1/2” clear vacuum hose

Copy Bucket Lids For Vacuum Pulsators

For Short Handle DeLaval® Style Buckets

33000 - DeLaval® style lid for HP® Pulsators, 5/8" I.D.
33095 - Bucket lid for goat unit, double hooks, 5/8" inlets
33034 - DeLaval® style lid for HP® Pulsators, 3/4" I.D.
33500 - Stainless lid and D#95 Pulsator combination
25195 - Lid gasket
33004 - Plastic lid nut
33002 - Stainless lid nut

34310 - 5/8" stainless trap lid, with checkball, 90°
34300 - 5/8" stainless trap lid, less checkball, 90°
34325 - 3/4" stainless trap lid with checkball, 90°
34320 - 3/4" stainless trap lid less checkball, 90°

34000 - 5/8" stainless trap lid, less checkball
34100 - 5/8" stainless trap lid, with checkball

90°

#25195 - Lid gasket
#10130 - Cage assembly for trap lids - larger style
#10132 - Ball for cage assembly for trap lid

For Longer Handle DeLaval® and Westfalia® Style Buckets

33050 - High handle lid for HP pulsator
33075 - Westfalia® style lid complete, 5/8" I.D.
33076 - Bucket lid for Westfalia® pulsator less parts, 5/8" O.D.
33080 - Westfalia® style lid complete , 7/8" O.D.
33081 - Bucket lid for WF pulsator, 3/4" I.D., LESS parts
17519 - Grey vacuum Y for lid
25188 - 5" Y hoses
17533 - Plug for WF style lid, copy
17526 - Rubber lid o-ring
17531 - Ball for lid
17529 - Lid base
17528 - Screw for lid base
25195 - Lid gasket

For Longer Handle Buckets

34010 - Stainless trap lid w/o checkball
34011 - Stainless trap lid with checkball
34013 - Cage only for ball - smaller style
35212 - Checkball only
34016 - Checkball and cage assembly
25195 - Lid gasket

5 NOTCH HANDLE DESIGN WITH 45° MILK INLET ELBOWS

Copy Lids For Trap Buckets

35200 - Clear plastic trap lids, less checkball
35201 - Clear plastic trap lids, with checkball
35205 - Lid only, less gasket
35210 - Checkball with cage and screw
35212 - Checkball only, 5/8”
35213 - Cage only
35005 - Gasket for clear plastic lid

35175 - Blue plastic trap lid
35177 - Gasket ONLY for Blue lid

Adaptors That Fit DeLaval® HP® 100 or 102 Pulsators

23025 - Complete chamber for HP® to DeLaval® lid, with check valve, copy
23030 - Chamber only for HP® to DeLaval® lid
23028 - Chamber gasket for 23030 adaptor
23023 - Replacement check valve

33040 - Blank lid for short bucket handle

Lid Gaskets

25195 - Lid Gasket for new style Delaval® (#1053) (Fits all E-Zee lids and most of Schlueter and Coburn’s)
25196 - Lid Gasket for old style Delaval® (#1041)
25197 - Lid Gasket for Westfalia® (#1051)
25198 - Lid Gasket for BouMatic®, thick style (#1050 or #5225)
25199 - Lid Gasket for Surge® (#1047)
38170 - Thick lid gasket for DV300 lid

New Bucket Lid Parts

33002 - Stainless nuts for DeLaval® Hydropuls® lids
33003 - Stainless lid nut, WITH extension for higher lids for DeLaval® OHTA pulsator
33004 - Plastic nuts for DeLaval® Hydropuls® lids
33008 - Lid spacers (turns a HP® lid into a fresh Cow lid)
33007 - Lid spacers (requires an HP® style chamber)
33009 - Lid adaptor with trap ball
33012 - Shutoff valves for pail lids, copy
33013 - Short bucket handles for old style DeLaval® buckets
33014 - Long bucket handles for old style DeLaval® buckets
33017 - Deflectors for magnetic lids, copy

This Stainless Trap Lid has a self locking rubber gasket. It is designed for the E-Zee buckets shown on page 74 and will not fit in DeLaval®, BouMatic®, Westfalia®, or plastic buckets, as the ID measurements of the bucket must accommodate the self locking rubber gasket. Not available with checkball.

34200 - Stainless self locking trap lid with gasket
34202 - Gasket only for 34200 lid

Goat Milking Parlors

NEW PRODUCT

6 Stall Unit

63350 - 6 unit goat parlor
pictured above

12 Stall Unit

63380 - 12 unit goat parlor
pictured to the right

Please call for prices
Customs sizes available

NuPulse Goat Milkers

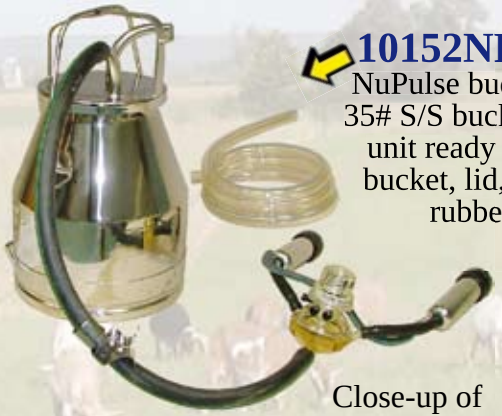
All replacement parts for the goat claw can be found on page 12 except for the base, middle and inflations.

10101NP - NuPulse Goat Claw

MZ10106NP - NuPulse Goat Claw Base

MZ10100NP - NuPulse Goat Claw Middle

MZ10050NP - NuPulse Goat Inflations (set of 4)



10152NP - Complete NuPulse bucket unit with 35# S/S bucket "Complete unit ready to milk with bucket, lid, pulsation & rubber parts"

Close-up of NuPulse Goat Claw with Unit Kit

ITP Goat and Sheep Milkers

63104 - Classic milking ***goat*** unit, ***with ITP 207 valves***
63106 - Classic milking ***goat*** unit, ***with ITP 205 valves***
63100 - Classic milking ***sheep*** unit, ***with ITP 207 valves***
63102 - Classic milking ***sheep*** unit, ***with ITP 205 valves***

63104

63160 - Y piece for air tubes
63161 - Y piece for milk, 1/2 to 5/8 milk hose
63162 - Tube assembly holder
63163 - Tubing holder ring ***(Large)***
63164 - Tubing holder ring ***(Small)***
63251 - ITP205 body
63252 - SS valve for ITP205
63253 - Small gasket for ITP204 &205 claw
63254 - Bottom cover for ITP204 & 205 claw
63255 - Large gasket for ITP 204 & 205 claw
63270 - ITP207 automatic shut off valve
63250 - ITP205 automatic shut off valve

63100

63157 - Silicone goat liner
63153 - Clear plastic goat shell
63156 - Silicone sheep liner
63155 - Clear plastic sheep shell
63165 - Air hose
63166 - Milk hose

For Complete ITP Bucket Units see page 80

63110 - Viscount milking units for goats
63112 - Viscount milking units for sheep

63144 - Silicone goat liner with long bend
63148 - Clear plastic shell for 63144 liner
63167 - Air Tube

63149 - Silicone sheep liner with long bend
63151 - Clear plastic shell for 63149 liner
63137 - Air Tube

Goat and Sheep Milkers

Complete ECO Goat Milking Units

Bucket units come complete with Eco Goat Cluster Unit, a D#95 pulsator - 50:50 ratio and 90 ppm.

63501

Also available for sheep milkers.

63496 - 35 lb Stainless bucket unit *with 2 Eco goat clusters*

63498 - 35 lb Stainless bucket unit *with 1 Eco goat cluster*

63501 - 55 lb stainless bucket unit *with 1 Eco goat cluster*

63502 - 55 lb stainless bucket unit *with 2 Eco goat clusters*

63505 - 68 lb plastic bucket unit *with 1 Eco goat cluster*

63506 - 68 lb plastic bucket unit *with 2 Eco goat clusters*

Other Size Buckets Available

These goat cluster units are shipped fully assembled with 2 plastic claws, shells, silicone inflations and tubing.

63540 - Complete Eco goat clusters *(pictured)*

63528 - Silicone inflations, *without milk tube for goats*

63529 - Plastic Shell

63541 - Claw assembly, *vented*

63531 - Milk Y for cluster

63532 - Brackets for milk Y

63534 - Vacuum Y for cluster

63535 - Air tube for cluster

25190 - Milk tube for cluster

63537 - Bumper for claw

63538 - Weight for claw

63544 - Plastic claw body ONLY, *(with lever) less weight and bumper*

63540

63548 - Small green vacuum valve *(9/32" I.D.)*

63549 - Large green vacuum valve *(1/2" I.D.)*

These green valves are not approved for Grade A in most states.

05145 - Bio clear milk Y *(0018 6139 820 WF/S)*

For Sheep Milking

63000 - Sheep cluster with silicone inflations *(similar to above picture)*

63526 - Silicone inflation, *with tube for sheep cluster*

63025 - Silicone inflation, *without milk tube*

63028 - Plastic shell for silicone inflation, *without milk tube*

Complete Bucket Units are Available

Plastic Eco Bucket and Parts

FDA Approved Material

63490 - Plastic Eco bucket

63491 - Replacement side ear kit for handle on Eco bucket

63492 - Replacement base for Eco bucket

ITP Complete Goat Milking Units

Bucket units come complete with ITP Goat Cluster Unit, a D#95 pulsator - 50:50 ratio and 90 ppm.

Also available for sheep milkers.

63460 - 35 lb Stainless bucket unit *with 1 ITP goat cluster*

63461 - 35 lb Stainless bucket unit *with 2 ITP goat clusters*

63566 - 55 lb stainless bucket unit *with 1 ITP goat cluster*

63567 - 55 lb stainless bucket unit *with 2 ITP goat clusters*

63570 - 68 lb plastic bucket unit *with 1 ITP goat cluster*

63574 - Eco plastic bucket unit *with 1 ITP goat cluster*

63575 - Eco plastic bucket unit *with 2 ITP goat clusters*

Goat and Sheep Milkers

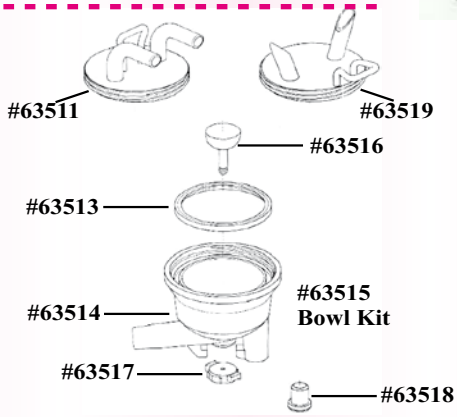
63512 - Complete goat cluster unit.
Includes:63510 claw, 63527 silicone inflations with 90 ° bend, 63529 plastic shells, 2-25150 9" air tubes, and 63534 vacuum Y adaptor

63510 - Flo-Vu® style goat claw with 90 degree inlets, copy

63522 - Complete goat cluster unit
Includes: 63520 claw, 63015 silicone inflations with milk tube, 63010 plastic shell, 2-25151 7.5" air tubes, and 63534 vacuum Y adaptor

63520 - Flo-Vu® style goat claw with straight inlets, copy

63515 - Plastic bowl kit for 63510 f***or 63520 goat claw, copy***
63511 - Stainless claw top only, ***for 63510 goat claw***
63519 - Stainless claw top only, ***for 63520 goat claw***
63513 - Gasket only for 63515 bowl kit
63514 - Plastic bowl only, ***for 63515 bowl kit***
63516 - Shutoff, ***for 63515 bowl kit***
63517 - Shutoff clip, ***for 63515 bowl kit***
63518 - Bumper, ***for 63515 bowl kit***



Goat/Sheep Milker Parts

63010 - Plastic shell for sheep/goat ***(use 63015 inflation)***

63015 - Inflation for sheep/goat shell, longer style 9½"
(use 63010 shell)

63020 - Inflation for sheep/goat milker, shorter style 8"
(use 63010 shell)

63025 - Silicone inflation without milk tube for sheep

See page 74 for our buckets

Electric Pulsation for Goats

Stainless steel 110 volt pulsation box comes with a 12-unit Kleen Flo circuit board for BouMatic® pulsation. (220 volt units available by special order.)
**** 18-month limited warranty.***

43185 - Pulsator with coil, stanchion barn model, less fresh air, copy

43200 - Stainless pulsation controller ***with 43195 Kleen Flo Board***
43195 - Kleen Flo 12 - Unit pulsation board

For More Information and for Pulsator Part Numbers See Page 24

Portable Pumps & Accessories

Deluxe Model

This portable pump is a very heavy duty unit and can be wheeled almost anywhere you need it to go. It comes with a Conde #3 vacuum pump and a 1 HP Farm Duty motor on a cart with 10" air tires, which plugs into a standard 110 VOLT/15 AMP outlet. The balance tank, regulator, vacuum gauge, and other parts are all included. (As shown)

~ UNITS SHIP FULLY ASSEMBLED VIA TRUCK FREIGHT~
Shipping weight: 200 lbs.

70100 - Portable pump unit, ONLY
70110 - Portable pump unit with 1 30050 plastic bucket unit
70120 - Portable pump unit with 2 30050 plastic bucket units
70210 - Portable pump unit with 1 30015 stainless bucket unit
70220 - Portable pump unit with 2 30015 stainless bucket units

1 YEAR WARRANTY!

All bucket units are sold with a 14300 Kleen-Flo® style claw instead of the 10867 DL claw. If you need the 10867 DL claw you will need to order part 30075 in addition to the unit you are ordering. There is no additional charge.

Gas Engine Model

70400 - Portable pump unit, ONLY
70410 - Portable pump unit with 1 30050 plastic bucket unit
70415 - Portable pump unit with 2 30050 plastic bucket units
70420 - Portable pump unit with 1 30015 stainless bucket unit
70425 - Portable pump unit with 2 30015 stainless bucket units

Conde #3 Vacuum Pump with a 3 HP Honda Engine. Heavy duty cart with 10" Air Tires.

70105 - Conde #3, 1 HP pump head only ~ **67124** - Dayton 1 HP, 1800 RPM motor
70106 - Rebuild kit for Conde #3 pump ~ **70306** - Rebuild kit for Conde #2 pump

Portable Mini Milkers

1 YEAR WARRANTY!

The Portable Mini Milker is a new item. This efficient unit was designed by NuPulse and has been sold for years.

Key features:

- **Lightweight, unit weighs only 70 lbs**
- **Dry vane pump, completely oil less**
- **110 volt, ready to plug in and go**
- **Can be shipped via UPS or truck freight**

Great pump unit for show cows or small family farm!

We offer this unit with the E-Zee 65# bucket milker OR the NuPulse 65# bucket milker. The ¾ HP pump is mounted on a stainless balance tank. Operates two NuPulse bucket units fine at the same time but we recommend if using E-Zee's bucket unit to run only one at a time. The NuPulse claw and pulsator are built into one unit which requires slightly less vacuum to run than the E-Zee unit. The E-Zee bucket unit has the vacuum pulsator on the lid and the Kleen-Flo® claw.

41000NP - ¾ HP Mini milker pump unit only

10197NP - ¾ HP Mini milker pump unit with 1 #30086 NuPulse 65# bucket milker

10179NP - ¾ HP Mini milker pump unit with 2 #30086 NuPulse 65# bucket milkers

10178NP - ¾ HP Mini milker pump unit with 1 #30015 E-Zee 65# bucket milker

70880NP
- Vertical cart only with mounting hardware

These units can be shipped via UPS
(May require some assembly if pump or carts are sent UPS.)

E-Zee Milking Equipment, LLC

IS A DISTRIBUTOR FOR

SUTORBILT Lobe Vacuum Pumps

Featuring* "Oil Splash Lubrication" on BOTH ENDS, *the New Sutorbilt is interchangeable with the Original Sutorbilt® pumps, with respect to the footprint, shaft size, RPM's, port size, and performance.

Replacement Pump Heads

65405 - 3-M Pump Head ONLY, 2" ports

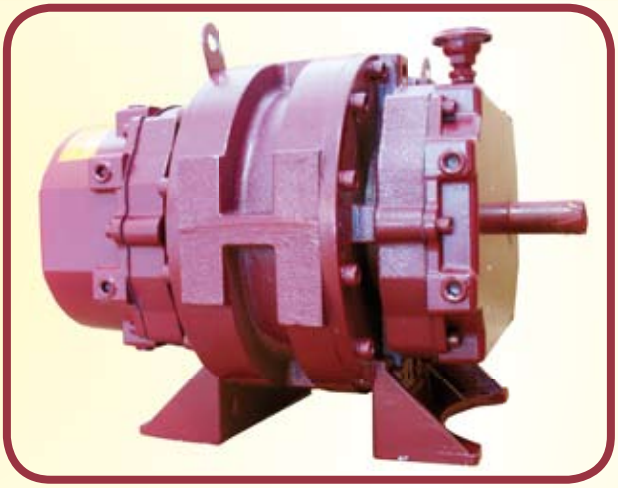
65425 - 4-H Pump Head ONLY, 1½" ports

65445 - 4-M Pump Head ONLY, 2½" ports

65465 - 5-H Pump Head ONLY, 2½" ports

65485 - 5-M Pump Head ONLY, 4" ports

65492 - 6-M Pump Head ONLY, 5" ports



Performance and Sizing Chart

Model	HP	RPM	Ports	Shaft	CFM/13"	CFM/14"	CFM/15"	Pump Pulley	Motor Pulley	Belts
3-M	5	2400	2"	3/4"	60	48	42	46-2B = 4.95"	66-2B = 6.95"	B-59
4-H	5	2175	1½"	7/8"	55	46	40	48-2B = 5.15"	60-2B = 6.35"	B-62
4-M	7½	1920	2½"	7/8"	82	73	66	58-2B = 6.15"	64-2B = 6.75"	B-65
4-M	10	2400	2½"	7/8"	102	88	80	58-2B = 6.15"	80-2B = 8.35"	B-67
5-H	7½	1520	2½"	1 1/8"	82	73	65	60-2B = 6.35"	52-2B = 5.55"	B-62
5-H	10	1975	2½"	1 1/8"	108	95	85	60-2B = 6.35"	70-2B = 7.35"	B-65
5-M	15	1875	4"	1 1/8"	156	142	132	80-3B = 8.35"	86-3B = 8.95"	B-72
5-M	20	2400	4"	1 1/8"	200	185	170	80-3B = 8.35"	110-3B = 11.35"	B-75
6-M	25	1825	5"	1 3/8"	265	250	235	68-4B = 7.15"	70-4B = 7.35"	B-72
6-M	30	2130	5"	1 3/8"	315	300	285	70-4B = 7.25"	86-4B = 8.95"	B-72

NOTE: Actual CFM readings may vary depending on atmospheric conditions, altitude, temperature, etc.

Complete Units Include:
Pump, Stand, Silencer and Drive Kit
Pump Packages are shipped fully assembled.

Horizontal Stands - Complete Unit Less Motor

65410 - 4-H, with 5 HP drive kit for Highline
65420 - 4-H, with 7½ HP drive kit for Highline
65431 - 4-M, with 7½ HP drive kit for Lowline
65430 - 4-M, with 7½ HP drive kit for Highline
65440 - 4-M, with 10 HP drive kit for Lowline
65450 - 5-H, with 7½ HP drive kit for Highline
65452 - 5-H, with 9 HP drive kit for Highline
65456 - 5-H, with 10 HP drive kit for Lowline
65472 - 5-M, with 15 HP drive kit for Lowline
65474 - 5-M, with 20 HP drive kit for Lowline
65490 - 6-M, with 25 HP drive kit for Lowline
65491 - 6-M, with 30 HP drive kit for Lowline
67115 - **Horizontal Stand ONLY**

Stand Foot Print Size
20" x 40"

2 YEAR WARRANTY!

Vertical Stands - Complete Unit Less Motor

65412 - 4-H, with 5 HP drive kit for Highline
65421 - 4-H, with 7½ HP drive kit for Highline
65433 - 4-M, with 7½ HP drive kit for Lowline
65432 - 4-M, with 7½ HP drive kit for Highline
65441 - 4-M, with 10 HP drive kit for Lowline
65451 - 5-H, with 7½ HP drive kit for Highline
65453 - 5-H, with 9 HP drive kit for Highline
65457 - 5-H, with 10 HP drive kit for Lowline
65473 - 5-M, with 15 HP drive kit for Lowline
65475 - 5-M, with 20 HP drive kit for Lowline
67120 - **Vertical Stand ONLY**

Stand Foot Print Size
21" x 28"

2 YEAR WARRANTY!

Vacuum Pump Motors

EMERSON Motor Technologies

~ Extra High Torque Farm Duty Motor ~

Replacement for the Old Style Dayton Motor

- 1.15 service factor
- TEFC
- Single phase
- 1800 RPM

Part#	HP	Frame	Shaft	Full Load Amps
67180	10	215-T	1 3/8	41
67179	7½	215-TZ	1 1/8	30
67178	5	215-TZ	1 1/8	29
67177	5	184-T	1 1/8	24
67176	3	184-T	1 1/8	17

1 YEAR WARRANTY!

LEESON

A replacement motor for the Surge Alamo 4.5 HP motor. Made by Leeson, this 5HP motor has the same base as the original 4.5 HP

Wiring box is located on the right side to work with the 75 Plus Pump Units

1 YEAR WARRANTY!

67465 - 5 HP Leeson Farm Duty Motor, 1800 RPM

Vacuum Pump Motors

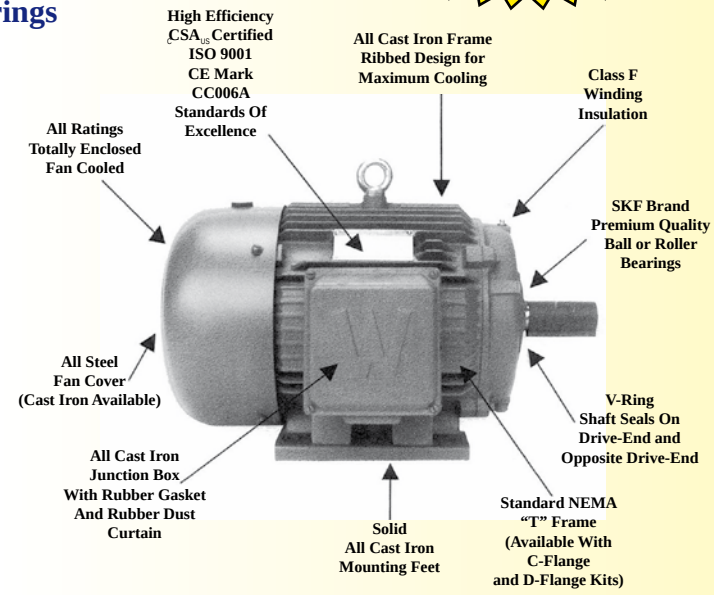
Industrial Duty Three-Phase Motors

TEFC • 1800 RPM

2 YEAR WARRANTY!

- ❖ All Cast Iron Frames - Class F Insulation
- ❖ 208-230/460
- ❖ 1.15 Service Factor - Oversized (SKF Brand) Bearings
- ❖ V-Ring Shaft Seals on Both Ends
- ❖ High Starting Torque and High Running Torque
- ❖ Manufactured by the #1 Asian Motor Manufacturer, an ISO 9001 approved company

Part#	HP	Frame	Shaft
67150	5	184-T	1 1/8
67151	7½	213-T	1 3/8
67152	10	215-T	1 3/8
67153	15	254-T	1 5/8
67154	20	256-T	1 5/8
67155	25	284-T	1 7/8
67156	30	286-T	1 7/8



These motors are used on our Variable Speed Drive units.

Premium Efficiency 3 Phase Motors

• Inverter duty • 1800 RPM • 208-230/460 • TEFC enclosure
• Ideal for Electric Company Rebate Programs • 1.15 Service Factor
• Metal clad V-type sealing ring on drive-end
• SKF bearings with SKF extreme pressure high temperature grease

All motors have passed and received all U.S. certification requirements and meet or exceed the NEMA Premium Efficiency Standards.

Part#	HP	Frame	Shaft
67160	5	184-T	1 1/8
67161	7½	213-T	1 3/8
67162	10	215-T	1 3/8
67163	15	254-T	1 5/8
67164	20	256-T	1 5/8
67165	25	284-T	1 7/8
67166	30	286-T	1 7/8

REFLEX

Variable Speed Drive Unit

- Large, illuminated digital vacuum gauge for easy viewing
- Nema 4 controller enclosure allows mounting in parlor
- Motor soft-start brings vacuum pump up to speed gradually until vacuum level in the system reaches the set point. This eliminates over torque situations during start-up.
- Separate milking vacuum and washing vacuum to achieve better solution circulation. Switching is done automatically through the washer control switch.
- Built-in hour meter
- Sensing is done as close to teat end as possible which controls vacuum level more precisely at the most important place.

Reflex VSD Units

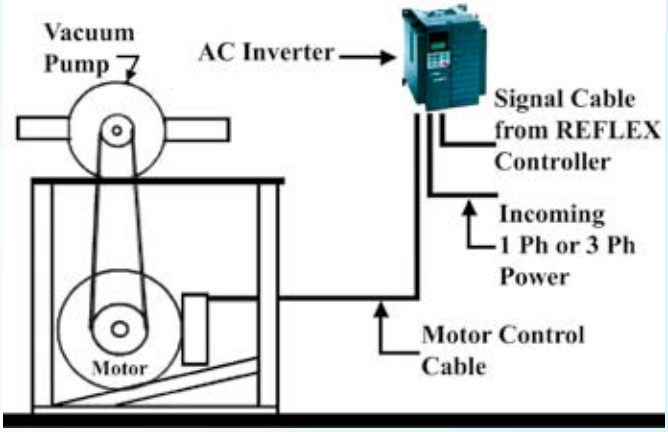
29530NP	5	HP	1 phase	220 volt
29505NP	7½	HP	3 phase	220 volt
29535NP	7½	HP	1 phase	220 volt
29510NP	10	HP	3 phase	220 volt
29540NP	10	HP	1 phase	220 volt
29515NP	15	HP	3 phase	220 volt
29550NP	15	HP	3 phase	440 volt
29545NP	15	HP	1 phase	220 volt
29520NP	20	HP	3 phase	220 volt
29555NP	20	HP	3 phase	440 volt
29560NP	25	HP	3 phase	440 volt
29525NP	25	HP	3 phase	220 volt
29528NP	30	HP	3 phase	220 volt
29575NP	30	HP	3 phase	440 volt
29529NP	40	HP	3 phase	220 volt
29550NP	40	HP	3 phase	440 volt

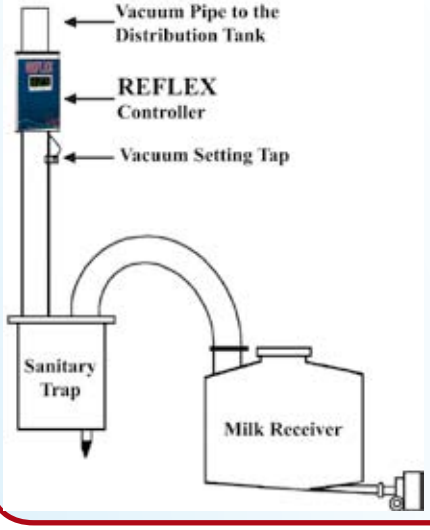
29495NP - Reflex controller only

P29040NP - Reflex circuit board

How does REFLEX work?

The REFLEX controller is connected into the vacuum line near the milk receiver and senses the vacuum level. The vacuum level lowers due to claws being attached, detached or milk flowing in the system. When this occurs the REFLEX sends a signal to the AC inverter causing it to increase the vacuum pump speed. When the vacuum level reaches the set point, the vacuum pump slows down.





Features of the GE Inverter

- 3 phase drop-out protection prevents damage from occurring to the unit when one leg of 3 phase power drops out. The unit simply shuts off and reports an alarm code
- Hour meter shows cumulative run time and component performance time rating
- Volt meter displays output voltage
- Current meter displays amperage draw of motor
- Maximum and average amperage over a specified time period can be displayed
- Signal current meter displays the 4-20 milliamp signal from the REFLEX controller
- Kilowatt meter displays the kilowatt consumption of the motor
- RPM counter displays motor speed
- Alarm data displays output frequency, output current, output voltage and torque value
- External alarm relay is built in the unit for operating an external alarm mechanism
- Motor protection for any motor is achieved simply by entering the motor plate information
- All parameters are pre-programmed, but in the event in-field programming is needed, it is easily done with on-screen instructions
- Enclosure is better sealed from moisture and dirt

REFLEX

Variable Speed Drive Unit

COW ID READY

- 2-Year Warranty on Reflex Variable Speed Drive Unit
  Unit now comes with a 2 year warranty from purchase date.
- 24-hour service for the Fuji Inverter Monday through Friday
  After hour assistance for the Inverter is available from Fuji direct Monday through Friday.
- Deluxe Reflex Model gives added protection for the Inverter and is Cow ID ready
  The Inverter is mounted in a steel Nema 4 enclosure that has a Line Disconnect, Filtered Fan Cooling system, Remote Display Keypad and proper shielding for Cow ID Systems.
- Product Information Disc Available for Full Range of Variable Speed Drive Products
  Disc offers General Product Information, System User Manual, Energy Savings Estimator Program and helpful tips . Contact us for you free disc.
- Controller with Digital Read-out is included in all packages

Deluxe Systems are sold without RFI filter and line reactor.
These items must be ordered in addition.
Please call 1-800-233-6878 for more information.

Deluxe Reflex VSD Systems

29600NP	7½	HP	1 phase	220 volt
29601NP	7½	HP	3 phase	220 volt
29603NP	7½	HP	3 phase	440 volt
29609NP	10	HP	1 phase	220 volt
29610NP	10	HP	3 phase	220 volt
29612NP	10	HP	3 phase	440 volt
29614NP	15	HP	1 phase	220 volt
29615NP	15	HP	3 phase	220 volt
29650NP	15	HP	3 phase	440 volt
29620NP	20	HP	3 phase	220 volt
29655NP	20	HP	3 phase	440 volt
29625NP	25	HP	3 phase	220 volt
29660NP	25	HP	3 phase	440 volt
29628NP	30	HP	3 phase	220 volt
29675NP	30	HP	3 phase	440 volt

Replacement Parts for Sutorbilt® Pumps

67702 - Rebuild Kit for Sutorbilt 6-H/6-M
67701 - Rebuild Kit for Sutorbilt 5-H/5-M
67704 - Rebuild Kit for Sutorbilt 4-H/4-M
67706 - Rebuild Kit for Sutorbilt 3-H/3-M
67708 - Oil sight gauge for 4-M, 4-H, 5-M, 5-H
67709 - Gear oil reservoir vent for 4-M, 4-H, 5-M, 5-H
67716 - Gear oil reservior gasket, 6-H/6-M
67713 - Gear oil reservior gasket, 5-H/5-M
67714 - Gear oil reservior gasket, 4-H/4-M
67715 - Gear oil reservior gasket, 3-H/3-M

Oil Reservior Gaskets for New DSL Sutorbilt® Pumps "2 per pump"

67865 - Gasket for 3-H/3-M DSL
67866 - Gasket for 4-H/4-M DSL
67867 - Gasket for 5-H/5-M DSL
67868 - Gasket for 6-H/6-M DSL

Sutorbilt® Drive Kit Information

Pump Size		Pump Pulley	Motor Pulley	Belts	Ports	RPM	CFM's at 14"
3-M unit	5 HP	46-2B = 4.95"	66-2B = 6.95"	B-59	2"	2420	53
4-M unit	7½ HP	58-2B = 6.15"	64-2B = 6.75"	B-65	2½"	1920	73 - Lowline
4-M unit	7½ HP	58-2B = 6.15"	62-2B = 6.55"	B-65	2½"	1825	70 - Highline
4-M unit	10 HP	58-2B = 6.15"	80-2B = 8.35"	B-67	2½"	2400	95
4-H unit	5 HP	48-2B = 5.15"	60-2B = 6.35"	B-62	1½"	2175	53
4-H unit	7½ HP	48-2B = 5.15"	80-2B = 8.35"	B-66	1½"	2900	75
5-H unit	7½ HP	60-2B = 6.35"	52-2B = 5.55"	B-62	2½"	1550	73
5-H unit	10 HP	60-2B = 6.35"	70-2B = 7.35"	B-65	2½"	1975	95
5-M unit	15 HP	80-3B = 8.35"	86-3B = 8.95"	B-72	4"	1875	140
5-M unit	20 HP	80-3B = 8.35"	110-3B = 11.35"	B-75	4"	2400	190
6-M unit	25 HP	68-4B = 7.15"	70-4B = 7.35"	B-72	5"	1850	250
6-M unit	30 HP	70-4B = 7.25"	86-4B = 8.95"	B-72	5"	2130	300

HELPFUL HINT: For pump speed take 1750 x motor pulley size and divide by pump pulley size.
EXAMPLE: 1750 x 6.75 = 11812 divided by 6.15 = 1920 RPM

Drive Kits for Sutorbilt® Lobe Pumps

67270 - 5 HP/3-M pulley kit with belts
67271 - 7½ HP/4-M lowline pulley kit with belts
67272 - 7½ HP/4-M highline pulley kit with belts
67273 - 10 HP/4-M pulley kit with belts
67274 - 5 HP/4-H pulley kit with belts
67275 - 7½ HP/4-H pulley kit with belts
67276 - 7½ HP/5-H pulley kit with belts
67277 - 10 HP/5-H pulley kit with belts
67278 - 15 HP/5-M pulley kit with belts
67279 - 20 HP/5-M pulley kit with belts
67280 - 25 HP/6-M pulley kit with belts
67281 - 30 HP/6-M pulley kit with belts

" THE E-ZEE CLEAN "

DETERGENT INJECTOR FOR LOBE PUMPS

An automatic lobe pump cleaning controller designed to spray cleaning detergents or lubricants into pump ports. Helps to prevent build-up on lobes inside pump.

Consists of a time delay controller that is activated automatically each time vacuum pump gets power. Unit can be adjusted for time delay and for duration of application.

If unit is set for a 30 min. delay it will only open valve once even if pump runs for several hours; it is designed to repeat its cycle after pump is shut down and is powered up again.

E-Zee Clean can also be set to do a repeat cycle for pumps that run 24 hours per day.

E-Zee Clean System
with 1 Valve for
Single Pump Systems

67510 - 110 Volt input
67520 - 220 Volt input

E-Zee Clean System
with 2 Valves for
Dual Pump Systems

67522 - 110 Volt input
67524 - 220 Volt input

INCLUDES:
- Control Box with Valve
- Hose with Filter
- Hose with Barb Fitting for Vacuum Line

67518 - Replacement Coil/110 Volt
67519 - Replacement Coil/220 Volt
67531 - Replacement Delay Board, #6030
67532 - Replacement Timer Board, #6062
67541 - E-Zee Clean valve assembly, with 110 volt coil
67542 - E-Zee Clean valve assembly, with 220 volt coil
67517 - Manual valve kit for Lobe Pump cleaning solution
67516 - Single dripper kit for Lobe Pump cleaning solution

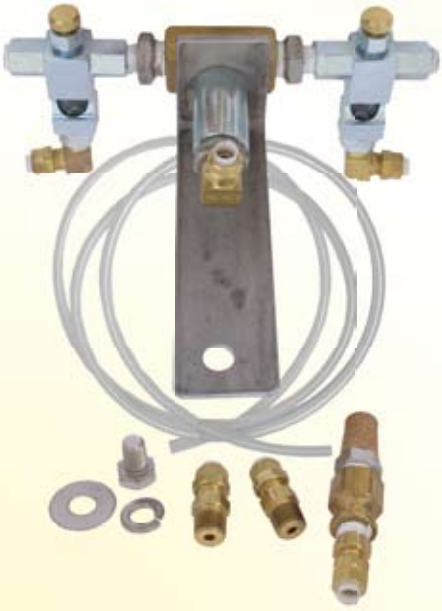
TKX ALL PURPOSE PENETRANT, LUBRICANT and PROTECTANT FOR USE WITH E-ZEE CLEAN SYSTEM.

- Great for Lobe pumps
- Helps to protect Lobes inside pump from build-up and rust
- Displaces moisture
- Excellent lubricant

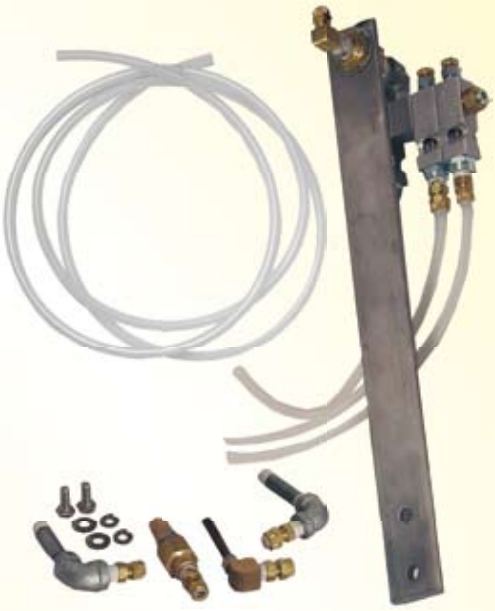
67511 - 1 gallon
67514 - 1 Case/4 gallons

Vacuum Pump Parts and Supplies, Etc.

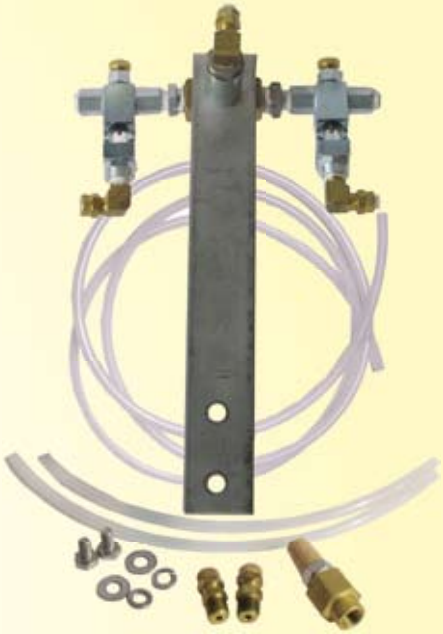
Oilers and Drippers



67209 - 2 dripper system w/stainless steel bracket mount for DeLaval® 777



67210 - Triple oiler valve w/stainless steel bracket mount for DeLaval® 78



67211 - 2 dripper system w/stainless steel bracket mount for DeLaval® 76

67213 - Triple oiler valve for Surge® 100 Plus pump
(Includes tubing)

67214 - 2 dripper system for Surge® 75 Plus pump
(Includes tubing)

NOT PICTURED

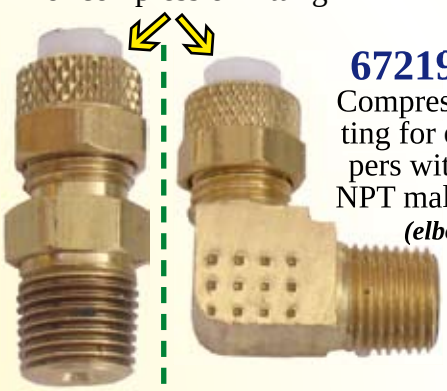
67212
- 2 dripper system for FR4-A pumps

67215
- 2 dripper system for Masport® pumps (includes tubing and stone filter for oil jug)

67217
- 100' Roll ¼" tubing for oil lines (1/8th ID)

67218 - Brass nut with white sleeve for compression fitting

67218
- 1/4" Compression fitting for oil drippers with 1/8th NPT male thread
(straight)



67219 - 1/4" Compression fitting for oil drippers with 1/8th NPT male thread
(elbow)

67226 - Oil Dripper with 1/8" NPT Thread

67222 - Oil Dripper with 1/4" NPT Thread

Vacuum Pump Parts and Supplies, Etc.

PVC Swing Check Valve

67242 - 3” **67244** - 4”
67314 - 6”

Replacement Flapper ONLY

67243 - 3” **67245** - 4”

PVC Gate Valves

67336 - 2” **67337** - 4”
67335 - 3” **67312** - 6”

Brass Anti-Reverse Swing Check Valves

67239 - 2” **67240** - 2½”

Exhaust Flappers

67333 - Exhaust Flapper Kit for 2” to 3”

67331 - Exhaust Flapper Kit for 4”

67332 - Exhaust Flapper Kit for 1½” to 2”

Fittings, Etc.

Flexible Couplings

67230 - 4” x 4”
67231 - 3” x 3”
67232 - 3” x 2”
67233 - 2” x 2”
67249 - 1½” x 1½”

Galvanized Nipples

67236 - 2½” x 12”
67237 - 2½” x 8”
67247 - 2½” x 6”
67248 - 2½” x 4”

67235 - 2½” Galvanized 90° elbow

67234 - 2½” Galvanized union

67238 - 3” x 2½” Galvanized reducer

67225 - Filter sponge for Surge® Alamo (2 pk.)

Original Alamo® Parts

05465 - Flapper valve, 2” (7750-0020-440 WF/S)
05473 - Filter gasket (7750-0014-379 WF/S)

67252 - 6-J Rubber sleeve for Surge® 100 plus direct drive coupler

67253 - 8-J Rubber sleeve for Surge® 2300 direct drive coupler

67306 -	1 1/8” flange	for 6J coupler
67307 -	1 3/8” flange	for 6J coupler
67308 -	1 1/8” flange	for 8J coupler
67309 -	1 3/8” flange	for 8J coupler

Vacuum Pump Parts and Supplies, Etc.

VERTICAL PVC BALANCE TANKS

67322 - 30 Gallon Vertical - 3" ports - 15" x 36"

67344 - 40 Gallon Vertical - 3" ports - 15" x 48"

67348 - 40 Gallon Vertical - 4" ports - 15" x 48"

"Vacuum drain included with all tanks"

HORIZONTAL PVC BALANCE TANKS

67324 - 30 Gallon Horizontal - 3" ports - 15" x 36"

67345 - 40 Gallon Horizontal - 4" ports - 15" x 48"

"Vacuum drain included with all tanks"

PVC PRE-FILTERS

w/stainless steel screen

67320 - 3" Pre-filter

67321 - 4" Pre-filter

67316 - 6" Pre-filter

"Vacuum drain included with all tanks"

Replacement Parts

67342 - Replacement stainless steel screen Size = 11 3/8" x 18 1/2"

67339 - Drain elbow with flapper

67338 - Flapper ONLY

67343 - Lid for 3" and 4" Pre-filter

67341 - Lid Gasket

67319 - Baffle, V-block

AEON-PD Oil

for Sutorbilt® Lobe Pumps

67356 - 1 qt.

Case Qty. = 12

Red #2 Grease

for Sutorbilt® Lobe Pumps

67358 - Tube Grease

Case Qty. = 10

Vacuum Pump Oil

for Vane Pumps

67505 - gallon

(Case Qty. = 6)

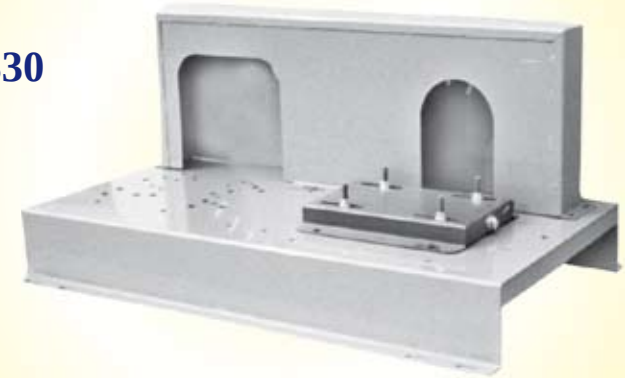
67505 - 5 gallon

Vacuum Pump Parts and Supplies, Etc.

VACUUM PUMP STANDS

Fits many vane pumps from 3 to 10 HP

67330



Available with 184-T, 213-T or 215-T (Specify when ordering)

MOTOR BASES

67456 - 184-T
67457 - 213-T
67458 - 215-T
67459 - 254-T
67460 - 256-T
67461 - 284-T
67462 - 286-T

MOTOR PULLEYS

				Hub
65040 -	5 HP	RPS 2800	3 groove	SH
65041 -	7½ HP	RPS 2800	3 groove	SH
65042 -	10 HP	RPS 2800	3 groove	SH
65045 -	5 HP	D-L 78	2 groove	SH
65046 -	7½ HP	D-L 78	2 groove	SH
65047 -	10 HP	D-L 78	2 groove	SDS

Hubs Sold Separately*
**Starting with part #65000 in our price book*

BELTS

67255 - 2/3 V x 530 double banded belt
67256 - 2/3 V x 560 double banded belt
for DL 78 5 HP pump
67257 - 2/3 V x 600 double banded belt
for DL 78 7½ or 10 HP pump
67258 - 2/3 V x 630 double banded belt
67259 - 3/3 V x 530 triple banded belt
for RPS 2800 5 HP
67260 - 3/3 V x 560 triple banded belt
for RPS 2800 7½ or 10 HP
67261 - 3/3 V x 600 triple banded belt
67262 - 3/3 V x 630 triple banded belt

HEAVY DUTY SILENCERS

Part#	*Size*	*Length*	*Diameter*
67323 -	2" NPT	33"	8"
67325 -	2½" NPT	34"	10"
67326 -	3" NPT	46"	10"
67340 -	4" NPT	53"	14"
67327 -	5" Flange Style	65"	16"

(Flanges Sold Separately)

67328 - 5" NPT Flange for 5" Silencer

LIGHT DUTY SILENCERS

67380 2" NPT
67381 2½" NPT
67382 3" NPT
67383 4" NPT

Can be used as a second silencer on lobe pump systems

Regulators

RP Servo Regulator and Parts

For up to 80 American CFM's

17825 - RP180 Regulator
17810 - 5 piece repair kit
17815 - Top small filter
17817 - Center medium filter
17819 - Large bottom filter
17822 - Large center diaphragm
17823 - Top diaphragm

67223
- Vacuum release valve for regulators

Sentinel Regulators

17894 - Sentinel 350 regulator *(350 American CFM's)*
17898 - Sentinel 500 regulator *(500 American CFM's)*
17830 - Filter for Sentinel 350/500 regulator, copy

Mark II

17890 - Mark II regulator *(150 American CFM's)*
17849 - Copy foam filter for Sentinal Mark II regulator
17850 - Sentinal Mark II regulator foam filter (*Better Quality*)
17852 - Top dome filter, copy
17853 - Roll seal, copy
17856 - Diaphragm with plate, copy
17862 - Top rubber knob, copy
17864 - White base plate for Mark II regulator, copy
17858 - Silicone Outlet seal for base, copy
17880 - Peacekeeper for Sentinal Mark II regulators

Copy Repair Kits

17870 - 4 piece repair kit for Mark II
Includes: 1 Roll Seal, 1 Dome Filter, 1 Body Filter and 1 Diaphragm with Plate

17875 - Worn parts kit for Mark I and Mark II regulators
Includes: Flow Ring, Dome Diaphragm, Rolling Seal, Adjusting Knob, Main Diaphragm, Main Filter, Dome Filter, O-Ring, 3-Flange Screws, 3-Adjuster Housings, Outlet Seal and Flange Assembly

Original Regulator Parts

05258 - 5K regulator rebuild kit, Minor (7750-0013-890 WF/S)
05259 - 5K regulator rebuild kit, Major (7750-0013-889 WF/S)

05521 - Vacurex diaphragm with vent (#7047-9926-470 WF/S)
05522 - Vacurex diaphragm without vent (#7047-1702-000 WF/S)
05526 - Diaphragm, black, claw washer (#0004-2402-870 WF/S)
05527 - Diaphragm, white, claw washer (#0004-1651-750 WF/S)

03271 - Filter for Servo (96798902 DL)

17495
- Filters for Vacurex®, copy
(pack of 10)

Vacuum Gauges

NEW ITEM

17920 - Digital Solar Vacuum Gauge

67224 - Small 2" vacuum gauge for portable pump units

17918 - Adjustable 3½" vacuum gauge

17913 - Adjustable Stainless 4½" vacuum gauge

CFM Testers

Kit Includes:

- *Carry Case*
- *Tester with 3½" Gauge*
- *Spare 3½" Gauge*
- *Adaptor for 3" Pipe*
- *Extra Plugs*

17785 - **160 CFM Tester "American CFM's"**
17780 - **260 CFM Tester "American CFM's"**
17786 - **CFM plug (size 10)**
17787 - **CFM plug (size 20)**

Vacuum Drains

59445 - **Black plastic drip drain, ½" NPT**

59435 - **PVC drain, 1¼" NPT**

59437 - **Ball only for PVC drain**

New style PVC drain

59450 - **PVC drain, DL style, 1¼" NPT**
59455 - **Rubber insert for PVC drain**
59452 - **Ball only for PVC drain**
59457 - **Cotter pin**
59458 - **PVC housing**

New Vane Vacuum Pumps

A HEAVY DUTY VACUUM PUMP THAT CAN BE USED IN MANY DIFFERENT APPLICATIONS...

Pumps have a double end shaft for more installation options. Bare shaft has a cover that can be switched to the opposite side. These pumps are assembled with high quality vanes, seals and bearings.
Each pump is individually assembled and tested. All parts interchange with name brand pumps that have been sold in the USA for over 20 years.

M-Style E-5 Vacuum Pump Packages

55 cfm @ 1000 RPM with 5 HP motor

1 YEAR WARRANTY!

Vertical Stand

67555 - M-style E-5 vacuum pump head
67556 - Pump on a vertical stand with 5 HP drive package - less motor ***(includes 2 oil drippers and hose)***
67557 - Pump on a vertical ***(same as above plus a 2" reclaimer)***

Horizontal Stand

67566 - Pump on a horizontal stand with 5 HP drive package-less motor ***(includes 2 oil drippers and hose)***
67567 - Pump on a horizontal ***(same as above plus 2" reclaimer)***

For a Complete Unit with 5 HP motor See pages 86 & 87 "Vacuum Pump Motors"

M-Style E-7.5 Vacuum Pump Packages

80 cfm @ 1000 RPM with 7.5 HP motor

Vertical Stand

67650 - M-style E-7.5 vacuum pump head
67656 - Pump on a vertical stand with 7½ HP drive package-less motor
Includes: 2 oil drippers and hose
67657 - Pump on a vertical ***(same as above plus a 2" reclaimer)***

Horizontal Stand

67665 - Pump on a horizontal stand with 7½ HP drive package-less motor
Includes; 2 oil drippers and hose
67667 - Pump on a horizontal ***(same as above plus 2" reclaimer)***

For a Complete Unit with 7½ HP motor See pages 86 & 87 "Vacuum Pump Motors"

Replacement Parts

21970 - Set/4 vanes for M-style E-5 or M-5
21965 - Set/4 vanes for M-style E-7.5 or M-7.5
21966 - Bearing for M-style E-5, E-7.5, M-5 or M-7.5
21967 - Seal for M-style E-5, E-7.5, M-5 or M-7.5
67549 - Inlet flange gasket
67573 - Inlet flange
67579 - Endplate gasket, .003
67578 - Endplate gasket, .002
67574 - Drive kit for E-5 or E-7.5 for 1000 RPM
Includes: 1-Motor Pulley/2BK-40, 1-Pump Pulley/66-2B, 2-Hubs and 2-B-62 Belts

2" Reclaimer Packages and Parts

67220
- 2" Oil reclaimer with filter assembly, drain hose and 2 drippers

IMPROVED DESIGN TO COLLECT MORE OIL!

67221
- 2" Oil reclaimer with filter assembly and drain hose.

Oil drippers NOT INCLUDED.

See parts section.

w/Bottom Intake

Replacement for Surge® Pumps

67213 - Triple oiler valve for Surge® 100 Plus pumps
67214 - 2 dripper system for Surge® 75 Plus pumps
67215 - 2 dripper system for Masport® Pumps
67216 - Spin-off oil filter assembly for Surge® oil reclaimers
67227 - Filter for oil reclaimer, NAPA #21515

See page 92 for pictures and detailed information.

Magnetic Motor Starters

MEETS ALL MAJOR OEM SPECIFICATIONS!

SIEMENS-FURNAS

SINGLE PHASE - 115 VOLT COIL

67410	5 HP/230 volt	(w/E62 heater)
67411	7½ HP/230 volt	(w/E69 heater)
67412	10 HP/230 volt	(w/E70 heater)

SINGLE PHASE - 230 VOLT COIL

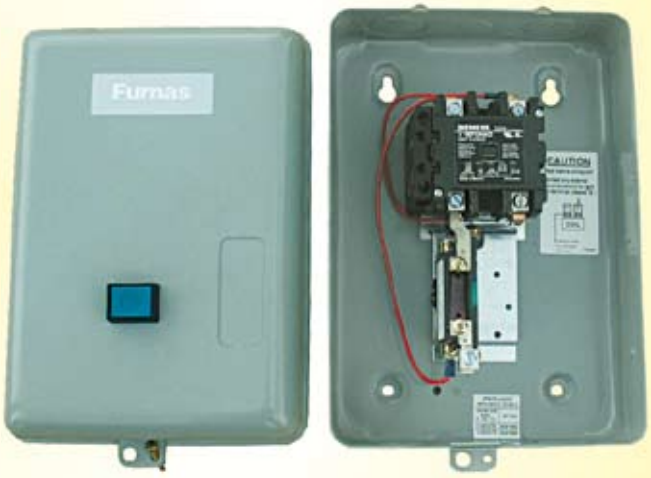
67413	5 HP/230 volt	(w/E62 heater)
67414	7½ HP/230 volt	(w/E69 heater)
67415	10 HP/230 volt	(w/E70 heater)

THREE PHASE - 115 VOLT COIL

67428	7½ HP/230 volt	(w/E69 heater)
67430	10 HP/230 volt	(w/E69 heater)
67431	15 HP/230 volt	(w/E74 heater)
67432	20 HP/230 volt	(w/E76 heater)

THREE PHASE - 230 VOLT COIL

67429	7½ HP/230 volt	(w/E69 heater)
67440	10 HP/230 volt	(w/E69 heater)
67441	15 HP/230 volt	(w/E74 heater)
67442	20 HP/230 volt	(w/E76 heater)



Replacement Heaters

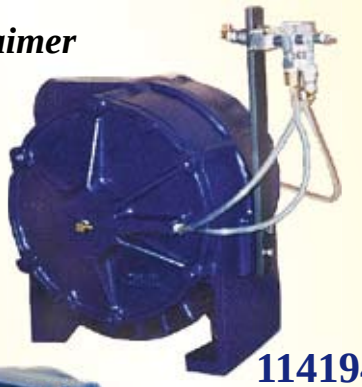
67445 - E62
67446 - E69
67447 - E70
67448 - E74
67449 - E76

Rebuilt Vane Vacuum Pumps

Please Call 1-888-304-6276 for Availability

DELAVAL®

114090 78-2½" pump unit, *with rebuilt 5 HP motor and 3" reclaimer*
114060 78-2½" pump unit, *with rebuilt 7½ HP motor and 3" reclaimer*
114190 78-2½" pump head, *only*
114196 78-2½" pump head, *with pulley and New triple oiler*
114194 78-2½" pump head, *with New triple oiler*
114150 78-2" pump unit, *with rebuilt 5 HP motor and 2" reclaimer*
114180 78-2" pump head, *only*
114200 777 pump unit, *with rebuilt 5 HP motor and oiler*
114210 777 pump, *only*
114030 76 pump unit on stand, *with rebuilt 3 HP motor*
114000 76 pump head, *only*
114120 84 pump unit, *with 3" reclaimer, less motor*
114125 84 pump head, *only*



114194

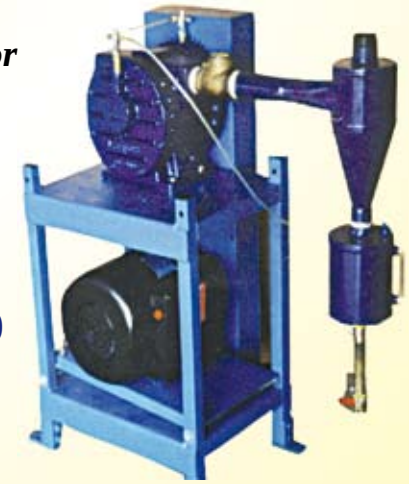
114000

MASPORT®

177000 M-7.5 pump unit, *with rebuilt 7½ HP motor and reclaimer*
177050 M-7.5 pump head, *only*
177100 M-5 pump unit, *with rebuilt 5 HP motor and reclaimer*
177150 M-5 pump head, *only*
177200 M-3 pump unit, *with rebuilt 3 HP motor, floor stand and oiler*
177250 M-3 pump head, *only*
177310 M-15 complete unit, *with 3" reclaimer, less motor*
177320 M-15 pump head, *only*

177050

177100



Rebuilt Vane Vacuum Pumps

Please Call 1-888-304-6276 for Availability

SURGE®

137100 100 plus pump, *with 5.5 HP motor and reclaimer* - direct drive
137030 100 plus pump, *with reclaimer, New drippers and oil filter*
137000 100 plus pump head, *only*
137250 75 plus pump unit on stand, *with 4.5 HP motor and reclaimer*
137190 75 plus pump, *with reclaimer, New drippers and oil filter*
137150 75 plus pump head, *only*
137350 2300 pump head, *only*
137550 5.5 HP motor
137600 4.5 HP motor

147030

137030

WESTFALIA®

147000 New style RPS 2800 pump, *with rebuilt 5 HP motor and reclaimers*
147030 New style RPS 2800 pump, *with rebuilt 7½ HP motor and reclaimers*
147050 New style RPS 2800 pump unit, *less motor*
147055 New style RPS 2800 pump head, *only*
147070 Old style RPS 2800 pump unit, *less motor*
147080 Old style RPS 2800 pump head, *only - no fan*

BOUMATIC®

127000 FR4-A pump, *with rebuilt 5 HP motor on stainless tank and with oiler*
127055 FR4-A pump head, *with oiler*
127085 FR4 pump head, *with oiler*
127090 FR3-A pump head, *with oiler*

"The first step to making a dream come true is to wake up."
-- The Rev. J. Edwin Bacon, Jr.

Vanes, Bearings, Seals and Complete Kits

E-Zee uses a high quality Kevlar material for all replacement vanes and they contain NO glass material. These vanes are top quality, are non abrasive so pumps run cooler, quieter and will last longer. They are made to exact length, width and thickness by a company that makes vanes for many different applications..

For DeLaval®

For 78
21950 - Set of 4 vanes
21951 - Bearing
21952 - Shaft Seal

21954 - Complete Rebuild Kit,
Includes: 1-21950, 2-21951 and 1-21952

For 76
21955 - Set of 4 vanes
21956 - Bearing
21957 - Shaft Seal

21959 - Complete Rebuild Kit,
Includes: 1-21955, 2-21956 and 1-21957

For 777
21995 - Set of 4 vanes
21951 - Bearing
21996 - Shaft Seal

21999 - Complete Rebuild Kit,
Includes: 1-21995, 2-21951 and 1-21999

For 84
22000 - Set of 5 vanes
22001 - Bearing
22002 - Shaft seal

For Masport®

For M-7.5
21965 - Set of 4 vanes
21966 - Bearing
21967 - Shaft seal

21969 - Complete Rebuild Kit,
Includes: 1-21965, 2-21966 and 2-21967

For M-5
21970 - Set of 4 vanes
21966 - Bearing
21967 - Shaft seal

21974 - Complete Rebuild Kit,
Includes: 1-21970, 2-21966 and 2-21967

For M-3
21975 - Set of 4 vanes
21976 - Bearing
21977 - Shaft seal

21979 - Complete Rebuild Kit,
Includes: 1-21975, 2-21976 and 1-21977

For M-15
22140 - Set of 4 vanes
22141 - Bearing
22142 - Shaft seal

22144 - Complete Rebuild Kit,
Includes: 1-22140, 2-22141 and 2-22142

"Management is doing things right, leadership is doing the right things."
-- Peter F. Drucker

Vanes, Bearings, Seals and Complete Kits

For Surge® / Westfalia®

For Alamo 75/100 Plus

21980 - Set of 4 vanes
21981 - Needle bearing *(shaft side)*
21982 - Double row bearing *(back)*
21983 - Shaft seal
67805 - Blue shim .005
67808 - White shim .025
21986 - O-ring for end plate

21984 - Complete Rebuild Kit,
Includes: 1-21980, 1-21981, 1-21982, 1-21983, 1-shim and 2-O-rings

For Alamo 30/40 Plus

21985 - Set of 4 vanes
For bearings and seals, etc. use part #'s listed under 75/100 Plus, as all parts interchange with the exception of vanes.

For Alamo 2300/2800

22110 - Set of 4 vanes
22111 - Bearing (shaft side)
22112 - Bearing (back)
22113 - Seal (shaft side)
22114 - Seal (back)

For WF RPS 2800

21960 - Set of 4 vanes
21961 - Bearings
21962 - Shaft seal

21964 - Complete Rebuild Kit,
Includes: 1-21960, 2-21961 and 2-21962

Copy Parts for Surge Alamo®

67810 - Bearing race for 30, 40, 75 & 100 Plus
67825 - Reclaimer gasket
67630 - Replacement screen for Surge reclaimers

For BouMatic®

For DB-2000

22120 - Set of 4 vanes
22130 - Set of 3 vanes
22121 - Bearings *(Needle)*
22122 - Bearings *(5207)*
22133 - Shaft seal

22134 - Complete 3 Vane Rebuild Kit,
Includes: 1-22130, 1-22121, 1-22122 and 2-22133

22124 - Complete 4 Vane Rebuild Kit,
Includes: 1-22120, 1-22121, 1-22122 and 2-22133

For FR4/FR4-A

21990 - Set of 4 vanes
21991 - Bearing
21992 - Shaft seal

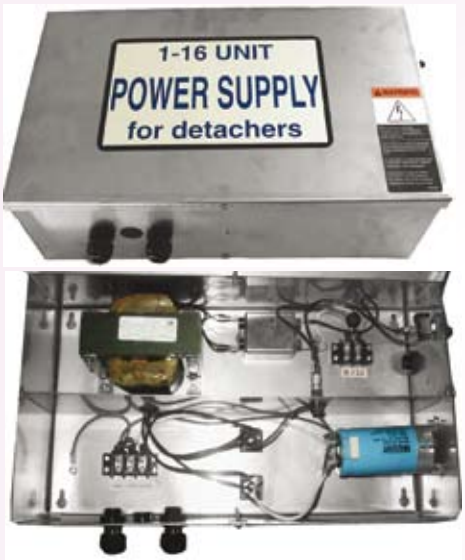
21994 - Complete Rebuild Kit,
Includes: 1-21990, 2-21991 and 2-21992

For FR3/FR3-A

21989 - Set of 4 vanes
21991 - Bearing
21992 - Shaft seal

New Copy Parts That Fit BouMatic® Takeoffs

85335 - Power supply for 16 takeoff units, all stainless box



Copy Parts for Power Supply

- **43112** - Rectifier, 35 amp
- **85306** - Capacitor with holder
- **85309** - 120 volt M.O.V.
- **85312** - Lightning arrestor
- **85314** - Line filter
- **85317** - Fuse holder
- **85323** - 5 AMP fuse
- **85321** - On/off toggle switch
- **91836** - Toggle switch cover
- **85325** - 120 volt AC input/11/24 volt AC output transformer

99775 - Solenoid for 2100 or 2101

99777 - 4 way Solenoid for 3000 series

99779 - 3 way Solenoid for 2000V and 2000VM

99771 - 18” cylinder for 2100
99773 - 15” cylinder for 2700

99766 - 3/4” x 1 7/8” stainless flat washer for top

99767 - 3/4” x 16” stainless hex jam nut for top

99768 - 7/16” x 20” stainless hex jam nut for rod

99804 - Stainless chain cut in 50” lengths for BM air takeoff
96030 - Stainless chain per foot

NEW ITEMS

99389 - Replacement Amber LED bulb, with lead

99390 - Replacement Red LED bulb, with lead

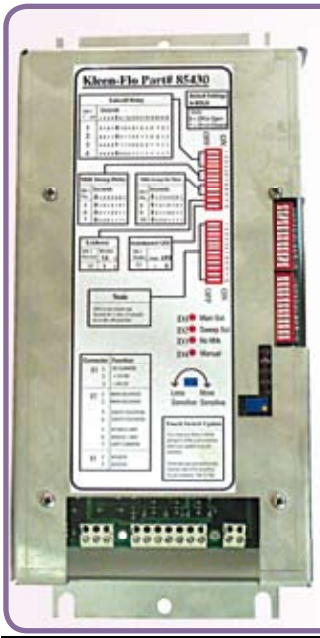
99385 - Clear bulb for 2000/2100

NEW ITEMS

99387 - Amber LED bulb only for 2000/2100

99388 - Red LED bulb only for 2000/2100

85430 - New Style Kleen-Flo Copy Circuit Board with stainless chassis for 2000 and 3000 Series



- Regulated valve and lamp outputs
- 100 to 4,600 OHM sensitivity range
- 1½ or 3 minute letdown time
- Features milk sweep function
- Incandescent/LED lamp capability
- Press either button when unit is in “sleep” mode, and it goes into “wash” mode

2 YEAR WARRANTY

85437 - Wiring harness for 85430 circuit board, ***less board connector***

New Copy Parts That Fit BouMatic® Takeoffs

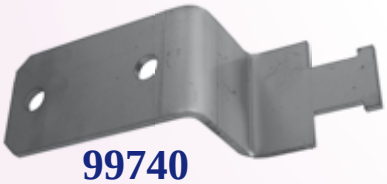
Copy Brackets and Mounting Hardware

10060 - Stainless bottom bracket with chain bushings
10070 - Stainless chain shield
99742 - Stainless top mounting bracket for 2100
99729 - Stainless retaining ring ***(for white chain bushing)***
99807 - White chain bushing ***(for bottom bracket)***
99749 - Stainless U-bolt ***(for #99740 and #10060 bracket)***
99817 - Stainless mounting bracket with 2 clamps ***(for new style BM curb mount sensor)***
99819 - Stainless bracket for 2100 sensor
91767 - Stainless curb mount hose support bracket
99746 - Stainless hose clamp ***(for #99740 bracket)***
99740 - Stainless mounting bracket ***(for the 2000, 2101, 3000, 4200, 4400, 4600)***
99825 - Stainless wall mounting bracket ***(for Perfection 3000 meter)***
99340 - Handle bracket ***(for Companion)***

10060

10070

99817



99740

99825

91767

97825 - 5" x 24" Tie rod air cylinder for BM crowd gate, 1 3/8" rod, copy ***(includes clevis bracket)***

Miscellaneous Copy Parts

92241 - Cylinder bottom ***(for 2000, 3000, 4200 and 4400)***
98789 - ¼" Nylon rope ***(sold per foot)***
99689 - Sealing washer ***(for 2000/3000 and 4200/4400 piston)***
99703 - Palm push button
99890 - 2½" x 5/8" stainless nipples ***(for 2000/3000 milk hose)*** ~ **CUSTOM SIZES AVAILABLE** ~
99712 - 2 AMP fuse ***(for 2000 and 3000 Series Boards)***
99782 - Shuttle valve ***(for 2100)***
99726 - 1/4" O.D x 1/8" I.D. air tubing....specify color ***(for 2100)***
99830 - Rubber shutoff hose .62" x 3.25" ***(for 2100 or 2101 clear air sensors)***
99802 - Cable for Precision meter, 10' long
99715 - O-ring for old style meter lid ***(style of lid with 2 ears)***
99791 - Bushing for 2100 hose support ***(uses 2)***

92241

99703

99782

99791

99830

NEW ITEM

99875 - One Piece Plunger assembly for new style BM sensor

99885 - Plunger assembly for new style sensor
99886 - Plunger ***only***, for new style sensor
99751 - Diaphragm ***only***, for new style sensor

New Copy Parts That Fit BouMatic® Takeoffs

Copy Kits and Parts for BM Perfection meter

99851 - 6 piece ~ *parts kit only*

Both kits include:

99753 - White diaphragm
99840 - Large seal, (uses 2)
99842 - Red silicone seal
99844 - Plug
99847 - Small thin black o-ring

The Complete Kit 99850 also includes:

99852 - Stainless plate
99856 - Stainless insert
99858 - Stainless spring
99861 - Plastic threaded nut
99863 - Stainless bolt
99865 - Diaphragm assembly

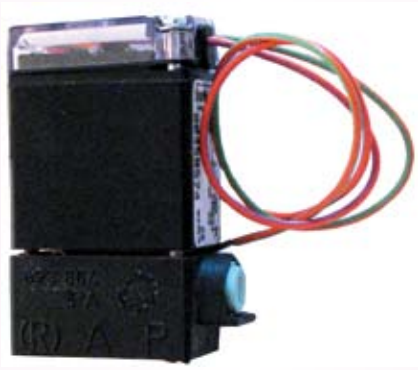
99850 - Complete service kit

99753 - White diaphragm

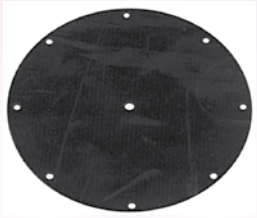
99865 - Diaphragm assembly

NEW ITEM

99575 - Keypad for BM metering takeoff



99780 - Solenoid valve for Perfection meter



99756 - Diaphragm for 2000V shutoff

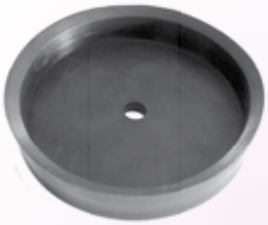
99675 - Piston seal for 2000/3000 and 4200/4400 series cylinder

99720 - Grey nylon filter/muffler for 2000/3000 series speed control head

99719 - Metal filter/muffler for 2000/3000 series solenoid

99420 - Companion flex switch

NEW ITEM



99460 - 3.125 piston seal for Companion or 4000D takeoff

99455 - Molded shutoff diaphragm for Companion or 4000D takeoff

99475 - U shaped shutoff hose for Companion

Copy Shutoff Assemblies for Takeoff

99150

99160

NEW PRODUCT

- **Available with air or vacuum operated top**
- **Plastic breakaway kit included**
- **Mounting brackets not included**

99150 - 3/4” plastic vacuum operated shutoff assembly, mounting bracket not included
99160 - 3/4” plastic air operated shutoff assembly, mounting bracket not included
99180 - Breakaway clamp kit
99185 - Silicone gasket
99177 - Breakaway spring clamp
99175 - Breakaway clamp half only, 2 needed
99148 - Vacuum top assembly, with nut
99172 - 5/8” stainless curb mount bracket
99173 - 3/4” stainless curb mount bracket
91810 - 3” stainless milk line clamp
91811 - Gasket for 3” stainless milk line clamp
99885 - Plunger assembly
99886 - Plunger, only
99875 - NEW One Piece Plunger assembly
99889 - Blue nut

99148

99180

Copy Parts for Air Assembly ONLY

99155

99155 - Top assembly, with nut
99162 - Shut off top, only
99163 - Insert for top
99164 - Snap ring for top
99165 - Flat washer for top
99166 - Screw for top
99167 - Spring for top
99168 - O-ring for top
99169 - U-cup for top

99173

91810

99889

New Copy Parts That Fit DeLaval® Takeoffs

Copy Parts for SST#2

85035 - Silicone keypad, with stainless cover and connector board to adapt to SST#2® 5.2, 5.3 or 6.1 boards

85020 - Keypad with connector board, LESS stainless cover

85070 - Silicone keypad, only

85076 - Connector board only, for E-Zee keypad

85040 - Replacement keypad kit with rebuilt circuit board
(Specify what version board needed 5.2, 5.3 or 6.1)

98575 - HFC sensor board for DL, copy

98769 - Stainless box with cover for SST#2, Deeper for HFC sensor

98771 - Stainless box with cover for SST#2 and silicone style keypad (as shown)

91805 - Stainless L shaped bracket for SST#2

98738 -Clamp for 2" stainless cylinder with ½" thread

98741 - Clamp for 3" plastic cylinder with ½" thread

(These 3" copy clamps can be used on: Plastic VSO, Little Champ and Plastic SST#2)

Standard length is 39½"
Custom Sizes Available

98721 - Stainless cylinder for SST# 2, w/rope

98731 - Stainless cylinder for SST# 2, w/stainless chain

98723 - Stainless horizontal cylinder for SST# 2, w/rope and pulley

92241 - Cylinder bottom for stainless SST#2 (rope style)

92239 - Cylinder bottom for stainless SST#2 (chain style)

92473 - Cylinder bottom w/pulley assembly for stainless SST#2 (for chain or rope)

Copy Air Cylinders

98745 - Pinch cylinder for ARM I
98747 - 12" Retract cylinder for ARM I or II
98749 - 14" Retract cylinder for Plato
98751 - 16" Counter balance cylinder for Plato

98706 - Chain for ARM I or II, 88", copy
98707 - Chain for Plato, 63", copy

98754 - 12 volt DC Mac valve for ARM II or Plato takeoffs, copy

98795 - Bushing for Plato arm, copy

New Copy Parts That Fit DeLaval® Takeoffs

Copy Parts for Milkmaster

99760 - Label

98625 - Rubber rebuild kit for Amplifier

98660 - Rubber rebuild kit for sensor

98655 - Ball for rope

98647 - Outer seal for motor

98648 - Inner seal for motor

98653 - Filter, Includes clip

20164 - Gasket for SST#2 inlet.....

20165 - Shutoff diaphragm for SST#2 inlet.....

98695 - Sensor jar for SST#2, copy

#98702 - Reed switch for SST#2 or ARM takeoffs, copy

98950 - Cover kit for SST#2 control valve
98951 - Blue cover gasket
98952 - Fresh air nipple only
98953 - Fresh air screen only
98954 - Blank plug *(replaces screen)*
98949 - Grommet for wiring harness,
98703 - Flag terminal SST#2 or Milkmaster
98960 - Repair kit for Milkmaster pulsator, copy
43315 - 12 volt coil for SST#2 or Milkmaster.....
43317 - Magnetic plate for SST#2 or Milkmaster.....

Miscellaneous Copy Parts

98805 - Wear plate for ARM I or II takeoff linkage.....
98802 - Start/Remove switch for ARM I
98810 - SRK - SQE1 exhaust repair kit for ARM I or II
98811 - SQE1 exhaust for ARM I or II
98717 - Strap to mount stainless SST#2 cylinder to stainless box
98719 - Strap to mount plastic SST#2 cylinder to stainless box
98720 - Adaptor plate to mount stainless SST#2 box to plastic cylinder
98713 - Bracket for HFC sensor.....
98704 - 3 strand wire harness for SST#2 control valve, copy, 7' long
98705 - 4 strand wire harness for SST#2 control valve, copy, 7' long
98790 - 3/16" Nylon rope (sold per foot)
91819 - Bulb for ARM I
98756 - Bulb for SST#2 or ARM II
98460 - MM25 gasket.....

NEW ITEM

New Copy Parts That Fit Westfalia® Takeoffs

Replacement Copy Stainless Boxes for ACR#1

10310 - Box with side holes, ONLY

91871 - Box with switch, button and red lens assembly, ONLY

91851 - Box COMPLETE, (with copy board)

91808 - Mounting clamp for side switch box, copy (2 required)

10480 - Box with front holes, ONLY

91870 - Box with switch, button and red lens assembly, ONLY

91850 - Box COMPLETE, (with copy board)

91806 - Mounting clamp for front switch box, copy (1 required)

91922 - Wire connector for reversing valve & sensor

91831 - Push button cover

91830 - Push button

91838 - Water tight toggle switch cover

91836 - Toggle switch cover

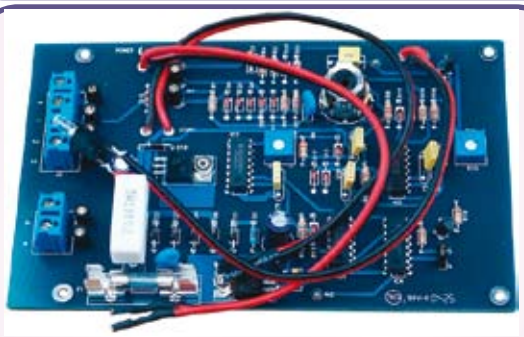
91835 - Toggle switch for ACR

09125 - Original red lens assembly for ACR ***(0005-0697-900) NOT PICTURED***

91196 - Fuse for ACR board, 1.6 AMP, 5mm x 20mm

91819 - Bulb for Metatron® 12, ACR 2 & 3® or Stimopuls® MA

91199 - Bulb for ACR 1 board



85350 - Replacement Circuit board for ACR1® takeoff, with board heater

85353 - Board heater ONLY

91785 - Complete replacement solenoid valve with stainless steel box for ACR 1.....⇨

91795 - Stainless box with lid, ONLY

⇦**91800** - Replacement solenoid valve less box

24 volt DC

99777 - ⇨ Replacement solenoid (ONLY) for ACR #1

Miscellaneous Copy Parts

98790 - 3/16" Nylon rope ***(sold per foot)***

91887 - 90° conduit elbow for ACR ss takeoff box

91816 - Stainless L bracket for old style sensor mounting

91245 - End cap for Stimopuls® MA cylinder.....⇨

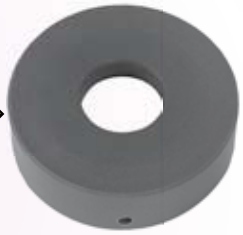
91235 - Seal for Stimopuls MA cylinder

91237 - Sealing ring for Stimopuls MA

91909 - Bottom mounting plate for Metatron® Apex box

91910 - Swivel bracket for Metatron® Apex box

91991 - Tube sealing cap for Metatron® or ACR.....⇨



#91235

NEW ITEMS

#91237

New Copy Parts That Fit Westfalia® Takeoffs

99747 - Leather sleeve for cylinder

91820 - Bottom for cylinder

91863 - Top disc for piston

91865 - Piston for cylinder

NEW ITEM

91862 - Top cap for cylinder

91867 - Piston spring

91945 - Plunger assembly for Visoflow sensor

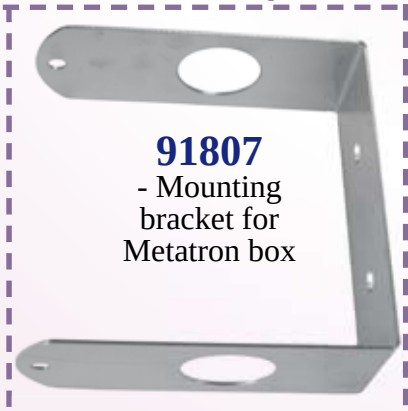
91946 - Plunger only for Visoflow sensor

99751 - Sensor or meter diaphragm

91860 - Complete stainless cylinder, 37" long.....

99180 - Breakaway clamp kit
99185 - Silicone line gasket
99177 - Spring clamp
99175 - Clamp half, only

91805 - Stainless L shaped cylinder bracket



91807 - Mounting bracket for Metatron box

99172 - 5/8" stainless curb mount bracket

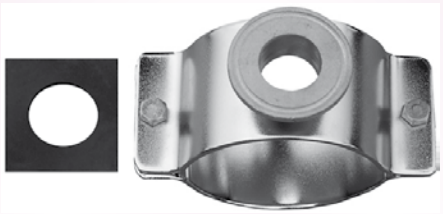
99173 - 3/4" stainless curb mount bracket

91980 - **Service kit for Metatron® meter**

Includes:
1 - **99252** - lid gasket
1 - **99185** - silicone line gasket
3 - **91991** - sealing caps
2 - **99751** - diaphragms
1 - **91970** - plunger assembly with diaphragm

91970 - Plunger assembly for Metatron® meter

91971 - Plunger only for Metatron® meter



91810 - 3" stainless milk line clamp for Visoflow® or Metatron®, (Includes gasket)

91811 - Gasket for 3" stainless milk line clamp

New Copy Parts For Surge® Takeoffs

VSO Copy Parts

NEW ITEMS

99736 - Radel VSO top, ***with brass inserts***

99733 - Plunger for VSO float

99730 - cap & stem for VSO float

99738 - Radel base for VSO

99732 - Large O-ring for mounting bracket
99737 - Small O-rings for top (Pkg. of 10)
99739 - White teflon washer
64589 - Replacement gasket
64610 - Insert nuts (Pkg. of 12)

64512 - Screws (Pkg. of 12)
99731 - Rubber rebuild kit.....

Includes:
#99737 - Small O-ring
#99732 - Large O-ring
#64589 - Gasket
#99739 - Teflon washer

Miscellaneous Copy Parts

92243 - Bushing only for plastic VSO® cylinder bottom
98789 - 1/4" Nylon rope (sold per foot)
92183 - Push button cover for meter reset switch
92107 - Stainless hose clamp for One Touch milk valve
92209 - Mac valve solenoid, for Optic® 850 takeoff - 24 VDC
92232 - Chain stop..... **NEW ITEM** .....

92209

92241 - Cylinder bottom for Omni® vacuum and stainless VSO®

92242 - Cylinder bottom with bushings for plastic VSO®

92282 - Piston seal for Omni® and stainless VSO® cylinder

92264 - Stainless L shaped bracket for plastic VSO® cylinder

91805 - Stainless L shaped bracket for Omni® and stainless VSO® cylinders

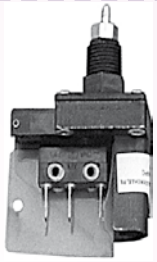
New Copy Parts For Surge® Takeoffs

Copy Parts for Omni Elite

92205 - Air cylinder

92210 - Mac valve solenoid - 24 VDC

92227 - Air electric switch



92222 - Manual/Auto switch

92220 - Detach valve button

92221 - Milk valve button

Miscellaneous Omni® Copy Parts

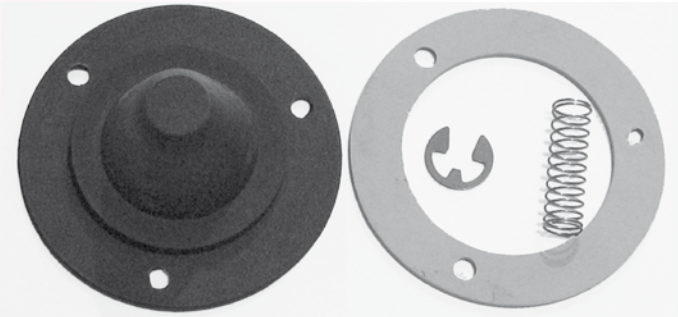
92000 - Bushing kit for Surge Omni Elite arm
92010 - Bushing and ring for Surge Omni Elite arm
92230 - Chain pad for Omni Elite®
92260 - Stainless chain for Omni Elite®, 60”
92252 - Bulb for Omni Power supply
92287 - 10 - 32” nylon screw for Omni® solenoid cover
92294 - Small cord grip for Omni® box

NEW ITEM

92325 - Replacement keypad cover for Omni®

92208
- Mac valve solenoid for Omni® air takeoff - 24 VDC

43105 - Rebuild kit for Omni® vacuum solenoid



92275
- Rebuild kit for Optic sensor

92245
- Stainless sensor holder for Optic sensor

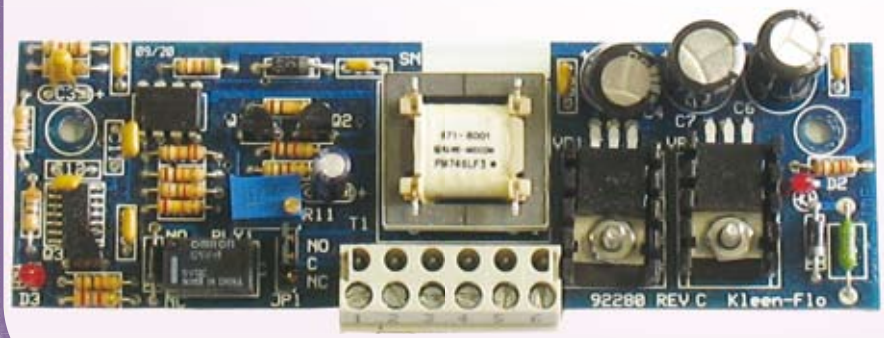
"NEW"

Sensor Interface Board for Omni® Takeoff

- Adapts Visoflow style sensor to older Omni® boards
- Sensing range (30-ohms to 5030-ohms)
- Keep your existing Omni® takeoff's and upgrade them to a new sensor at an affordable cost
  (AS SHOWN IN THE PICTURE TO THE RIGHT)
- This board adapts to most ring style sensors

92279 - Complete sensor Interface assembly with board, box & bracket

92280 - Sensor Interface board, ONLY for Omni® takeoff



Waikato® Takeoff Parts

94200 - Sensor body
94204 - Cover for valve head
94205 - Valve head
94220 - Float
94207 - Timer lever with bung
94208 - Float lever with bung
94212 - Bung only
94218 - Piston washer
94216 - Bayonet with pulley for cylinder
94225 - Reset timer
94235 - Milk Line filter
94237 - Screen for milk line filter
94240 - Complete sensor assembly
94250 - Complete parlor takeoff with sensor

New Copy Parts For Universal®

92404 - Manuel/ Auto switch for PATO®
92407 - Attach/Detach switch for PATO®

92400 - Sensor/shutoff diaphragm, ***with pin***

NEW ITEM

92411 - Rope guide for 3" stainless cylinder

99708 - Seal for plastic style cylinder

92406- Parlor Advisor & Eco sensor bracket

98669 - Seal for ECO and Advisor sensors

"I Love It When A Plan Comes Together."
-- Colonel John "Hannibal" Smith, fictional character of the A-Team

NEW - KLEEN-FLO® TAKEOFF

HEAVY-DUTY STAINLESS STEEL - DESIGNED FOR YEARS OF USE.

This Swirl Design Sensor/Shutoff is patented by Interpuls®. The milk enters sensor and is swirled around shutoff plunger to the outlet side resulting in faster passage and less milk restriction. Sensor accepts either 5/8" or 3/4" hose.

⇨ Unit will adapt to most new or existing parlor systems.

⇨ Built in heater to reduce condensation.

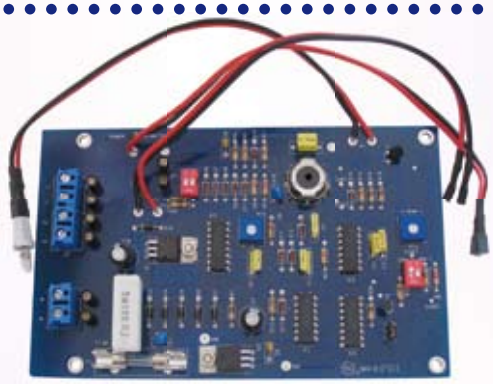
⇨ Optional Accumulative vs Standard strip time via an "on board shunt".

Accumulative: In 10 second strip mode, accumulates total of 10 seconds of no milk flow before detaching.

Standard: In 10 second strip mode, requires 10 consecutive seconds of no milk flow before detaching.

⇨ Power requirements: 24VAC, 25 WATTS

We recommend our #61554 transformer, it is ideal for areas with "AC Brownout" when voltage may be higher or lower than normal.



** The starting points mentioned below are only suggested. Other ranges may be used at the customer's discretion. If you experience difficulties, please contact Joe @ 800-768-6166 for assistance.

Kleen-Flo #91710 Dip Switch Style Takeoff Board Sensitivity Settings							
Dip Switch #1			Dip Switch #2				**Suggested Starting Range for Different OEM Type Sensors
SW1-1	SW1-2		SW2-1	SW2-2		Sensitivity Range	
ON	ON		OFF	ON		0 TO 500 OHMS	
ON	ON		ON	ON		50 TO 550 OHMS	
ON	**OFF**		**ON**	**OFF**		**150 TO 650 OHMS**	**Westfalia VisiFlo**
ON	OFF		OFF	ON		350 TO 850 OHMS	
ON	OFF		ON	ON		400 TO 900 OHMS	
OFF	**ON**		**ON**	**OFF**		**1250 TO 1750 OHMS**	**Delaval HFC**
OFF	**ON**		**OFF**	**ON**		**1450 TO 1950 OHMS**	**Interpuls Swirl Type**
OFF	ON		ON	ON		1500 TO 2000 OHMS	

91725 - Complete takeoff unit, with #98721 DL style stainless cylinder and Interpuls® swirl sensor

91715 - Takeoff unit, less sensor with # 98721 DL style stainless cylinder

91737 - Complete takeoff unit, with #91860 WF style stainless cylinder and Interpuls® swirl sensor

91735 - Takeoff unit, less sensor with # 91860 WF style stainless cylinder

PARTS FOR KLEEN FLO TAKEOFF

91710 - Dip switch style takeoff board

91750 - Interpuls® sensor assembly

91755 - Sensor top cap

91757 - Sensor/shutoff diaphragm

91785 - 420 line mount solenoid valve, with stainless enclosure

91800 - 420 line mount solenoid valve, less stainless enclosure

FOR CUSTOM PACKAGES CALL JOE @ 1-800-768-6166

NEW - NuPulse® Takeoffs

FloChek ✔ Parlor Takeoff/Meter

- Meter has 3/4” inlet and outlet
- Flow through electronic meter with no moving parts
- 420 Line mount solenoid valve
- Inline shutoff
- This meter can be interfaced with existing takeoffs

The FloChek ✔ parlor milk meter provides a digital readout along with an End-of-milk signal. The meter can be calibrated and shows the accumulated milk weight. The meter also has a milking total selection key, and can show the flow rate per minute. Weight can be shown in either kilograms or pounds.

M15700NP

18500NP - Constant voltage transformer. This CVT can handles up to 10 units at a time.

ProChek ✔ Parlor Takeoff/Meter

- Meter has 3/4” inlet and outlet
- Flow through electronic meter with no moving parts
- 420 Box mount solenoid valve
- Inline shutoff
- This meter can be interfaced with existing takeoffs

The ProChek ✔ meter and automatic takeoff has advanced communication circuitry for integrating an automatic in-parlor I.D. system. The ProChek ✔ can also be interfaced with existing automatic takeoffs.

70400NP

18500NP - Constant voltage transformer. This CVT can handles up to 10 units at a time.

Miscellaneous Takeoff Parts

96012 - Standard stainless snap, 1/4”

96088 - Heavy duty stainless snap, 9/32”

96014 - Small stainless repair link

98782 - Large stainless repair link

96087 - Breakaway stainless clip

Quantity Discounts Available

#96030 - Stainless chain. ***This is a top quality, heavy duty, stainless steel chain as each link is welded all the way around. This chain is sold per foot but available at any length.***

ACME® Transformers

These 500 Watt - .500 KVA transformers come with a breaker switch installed but are available without if requested.

99718 - 12 volt - 30 AMP Breaker AC or DC

99716 - 24 volt - 20 AMP breaker AC or DC On/Off toggle switch

Parts for Transformers

99717 - Toggle switch for 24 volt transformer, (on/off)

92592 - 20 AMP breaker switch

92590 - 30 AMP breaker switch

Kleen Flo Transformers

These 500 watt - .500 KVA transformers are ideal for AC “Brownout” areas where voltage may be lower or higher than normal. Multiple primary taps accept 95VAC, 105VAC, 115VAC or 125VAC. Can also be used in cases where there is a greater than normal secondary wire length between transformer and application.

61554 - 24-28 VAC Output

(One of these supplies enough power for up to 20 Kleen Flo takeoff units)

61594 - 24-28 VDC Output

(This transformer is suited for the #92280 Sensor Interface board, as seen on page 32)

Decade Boxes

99711 - Single dial decade box, 0 to 1,000 OHMS

99722 - Dual dial decade box, 0 to 11,000 OHMS

Terminals for Circuit Boards

92422 - 2 pin terminal
92424 - 4 pin terminal
92425 - 5 pin terminal

92426 - 6 pin terminal
92428 - 8 pin terminal
92430 - 10 pin terminal

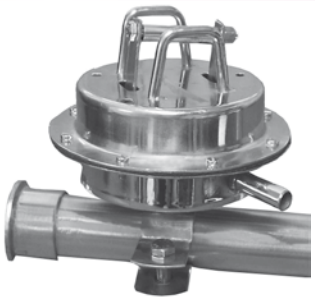
Vacuum Operated Milk Line Shutoff

78490 - Normally Closed ~ Vacuum operated milk line shutoff.
Can be used with 5/8” or 3/4” milk hose

To convert to normally closed on the Boumatic® 3000 series takeoffs, take the plug out of the solenoid and replace it with #78491 solenoid adaptor nipple and order whatever length of #78492 hose that you will need.

78491 - Solenoid adaptor nipple
78492 - 3/16” x 12” Hose

99751 - Replacement clear diaphragm for shutoff



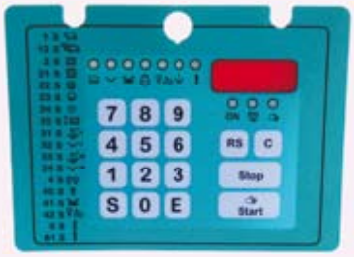
78475 - Vacuum operated stainless steel pinch valve

78476 - Diaphragm only for pinch valve

Copy Replacement Takeoff Labels

91824
- Label for Stimopuls® MA

91828
- Label for ACR® #3



91826 - Label for Metatron® #12 plastic style cover

91821
- Label for ACR SS

91822
- Label for ACR SS

99625
- Label for 2101D

99643
- Label for 3000M and 2101M

99646
- Label for 3000D

99811
- Label for 2000V

99812
- Label for 2100D

99640
- Label for 2000VM

99640
- Label for 4600 D

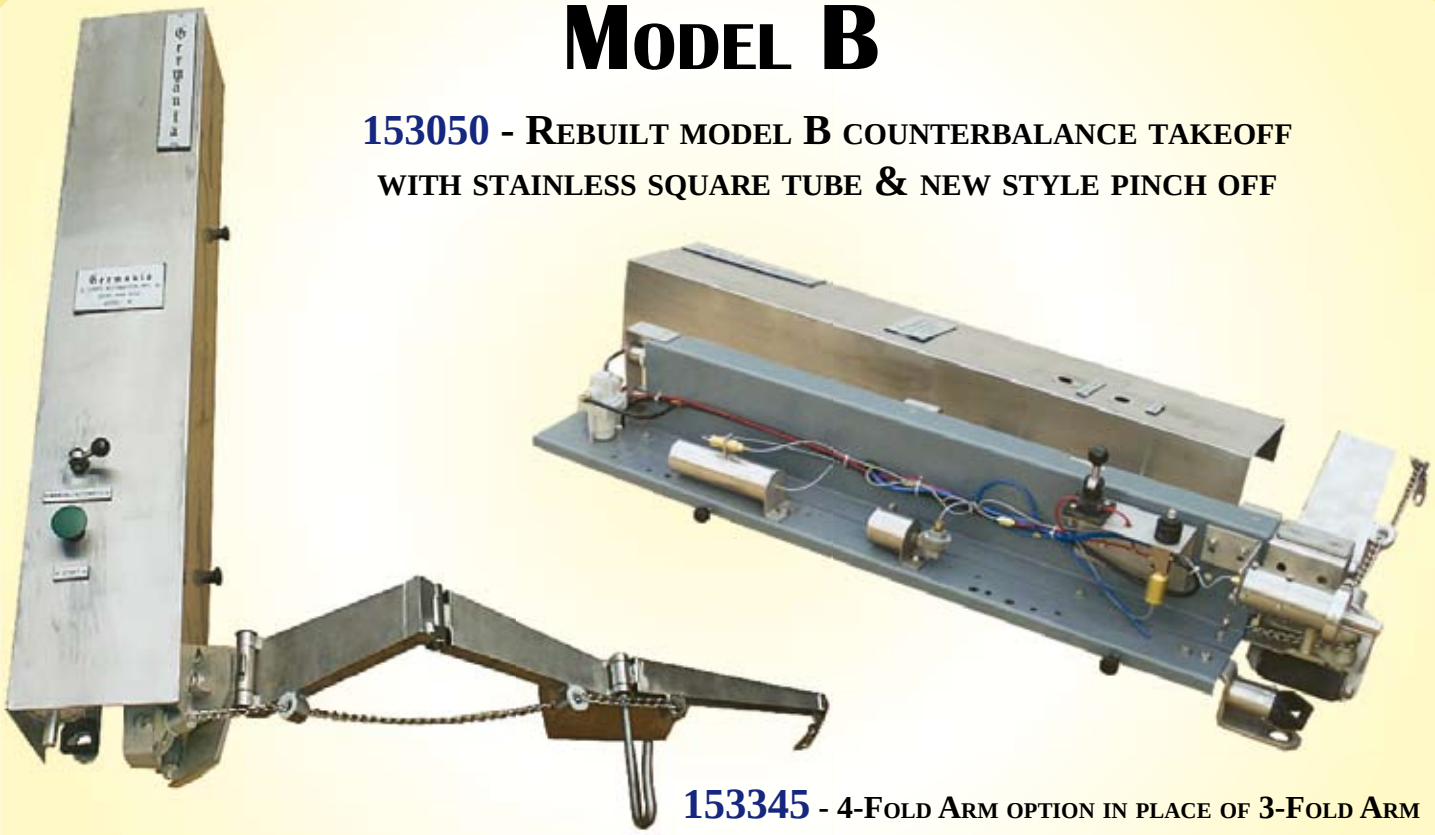
99760
- Label for MilkMaster

92375
- Label for Advisor

91745
- Label for Kleen-Flo®

MODEL B

153050 - REBUILT MODEL B COUNTERBALANCE TAKEOFF WITH STAINLESS SQUARE TUBE & NEW STYLE PINCH OFF



153345 - 4-FOLD ARM OPTION IN PLACE OF 3-FOLD ARM

MODEL SB

153000 - REBUILT MODEL SB
ALL STAINLESS STEEL TAKEOFF UNIT

Arm Takeoffs AVAILABLE with Electronic Metering

For more information or questions please call Daniel Stoltzfus at 1-877-768-8652

MODEL C

153100 - REBUILT MODEL C STAINLESS STEEL TAKEOFF

MODEL E

153250 - REBUILT MODEL E WITH NEW CHAIN CYLINDER

153260 - REBUILT MODEL E WITH REBUILT CHAIN CYLINDER

ACCUWEIGH II JAR

159000 - REBUILT ACCUWEIGH II NEW STYLE 65 LB WEIGH JAR WITH SHUTOFF

WEIGH JAR INCLUDES 1 MANUAL AND 1 AIR SHUTOFF AS SHOWN BELOW

MANUAL SHUTOFF

AIR SHUTOFF

COMES WITH 1/8" HOSE BARB →

96131 - GASKET FOR ACCU WEIGH II

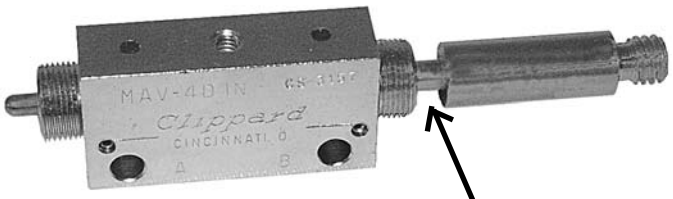
For more information or questions please call Daniel Stoltzfus at 1-877-768-8652

Copy Parts for Germania® Takeoffs ~ Air Valves

PT 421 Valve

1 YEAR WARRANTY

96020 - PT 421 Valve



HEAVY DUTY STEM

96175 - Rebuild Kit for PT 421 (with heavy duty stem)

Misc. PT Valves

96037 - Actuator Valve (PT 100)

96038 - 2 Way Valve (PT 210)

96039 - 4 Way Valve (PT 410)

96040 - 4 Way Valve Double Activated (PT420)

96142 - 3 Way Valve (PT 310)

MA Valves

96022 - Manual/Automatic lever

96041 - M/A Valve Plunger

96042 - M/A Valve Cam

96043 - Black Knob for M/A Valve

96044 - M/A Valve Cam Pin

96045 - M/A Valve Handle

EV 125

96033 - Rebuild Kit for EV 125 Quick Exhaust (shown)

96225 - Diaphragm for EV125

96227 - Square O-Ring for EV125

96229 - Screw for EV125

96112 EV 125 Quick Exhaust Valve (shown)

For any questions regarding parts for Germania® please call Daniel Stoltzfus at 1-877-768-8652

Copy Parts for Germania® Takeoffs ~Misc. Air Valves

96031
- PT 110

96003
- D Restrictor for GM

96023
- Whisker Valve

96078
- Crowd Gate Control Valve
~ Not Shown ~

96036
- IFC 15 Flow Control
~ Replaces X180

96133
- 3 NC Versa Valve

Fittings, Tubing & Switches

Some fittings may differ from pictures shown. Any replacements will be of equal or better quality.

96034 - 1/8" NPT to 10/32" Brass Bushing (pack of 10)

96035 - ¼" NPT to 10/32" Brass Bushing (pack of 10)

96054 - 1/16 Hose Barb (pack of 10)

96055 - 1/8 Hose Barb (pack of 10)

96049
- ¼" Adjustable Muffler

96051 - 1/16 Cross (shown)

96052 - 1/8 Cross

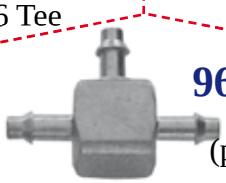
96129 - 1/8 Hose Mender (pack of 10)

96130 - 1/16 Hose Mender (pack of 10)

96137
- 10/32 Plugs

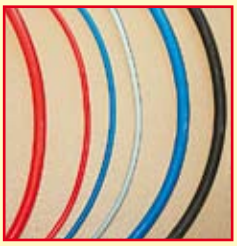
96057
- 1/8 x 1/8 x 1/16 Tee

96058
- 1/8 Tee



96056 - 1/16 Tee (pack of 10)

96005 - 1/8" Black Tubing
96006 - 1/8" Blue Tubing
96007 - 1/16" Grey Tubing
96008 - 1/16" Blue Tubing
96009 - 1/16" Red Tubing
96011 - 1/8" Red Tubing



96059 - Adjustable Tee (Not Shown)

96171
- 1/4" NPT x 1/4" NPT Hex Pipe Nipple (pack of 10)

96060
- 1/4 NPT x 1/8 NPT Hex Reducer Nipple (pack of 10)

96123
- 10/32 Adjustable Elbow

96127
- 1/8 NPT to 1/16 Barb Elbow (pack of 10)

96128
- 1/8 NPT to 1/16 Barb (pack of 10)

96126
- Female Thread Tee (pack of 10)

Misc. Items for Germania®

96015
- Black Cover Knobs

96018
- Round Chain Guide

96027
- 2 Min. Start-up Timers

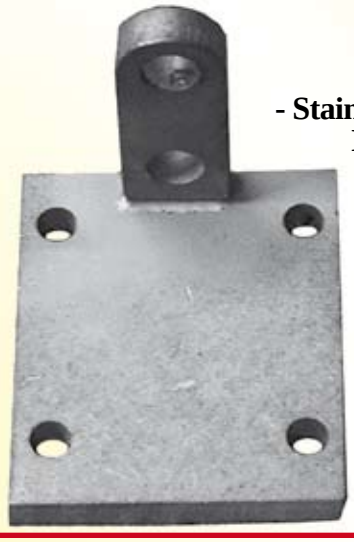
96012
- Stainless Steel Snap (small)

96088
- Stainless Steel Snap (heavy duty)

96030 - SS Chain (per foot)

98782
- Split Links for Chain Repair

96087
- SS Break-a-way Clip

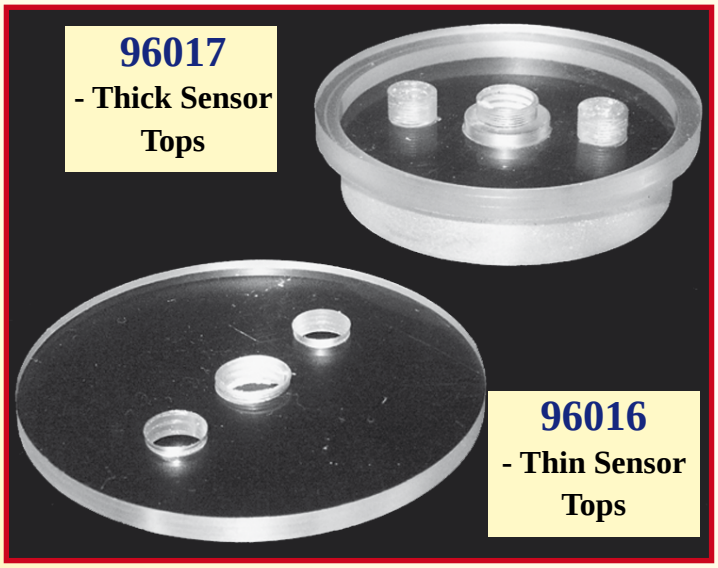


96092
- Stainless Mounting Brackets

96019
- Black Shroud Adapter for PT421 Valve

Not Shown

96000 - Red knob for GM
96001 - Green knob for GM
96110 - Clipped valve adapter (replaces GM# 50325)
96115 - Switch for auto Accu-Weigh dump
96149 - Switch for GM pulsator shutoff assembly



96017
- Thick Sensor Tops

96016
- Thin Sensor Tops

96205 - Sensor body for Germania takeoff, straight cut, copy

96113
- White Sensor Ring

New Shutoffs For Germania®

96111
Shutoff ~ Without Bracket for 9/16 or 5/8 Hose

96147
Shutoff ~ Without Bracket for 3/4 Hose

96029
Shutoff ~ With Bracket for Model B & C

U-Cups and O-Rings for Germania®

U-Cups and O-Rings come in a Packs of 10

96062 - U-Cup #1 Replaces GM #30731 or 30744

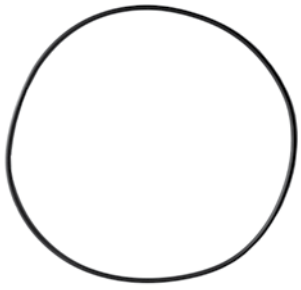
96063 - O-Ring #1 Replaces GM #30810

96068 - U-Cup #3 Replaces GM #30736

96069 - U-Cup #6 Replaces GM #34112

96070 - O-Ring # 2 Replaces GM #30742

96131 - Gaskets for 65 lbs. Accu Weigh Jars



More New and Rebuilt Parts are Available for Germania® Takeoffs.
Contact Daniel Stoltzfus at:
1-877-768-8652 for more information.

For Model B/SB

96024 - Roller Pinch Off Cylinder

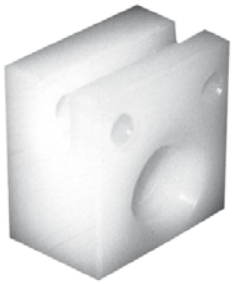
96109
Head for Roller Pinch Off Cylinder

96090
- Big Cylinder

96079
- Big Cylinder Repair Kit

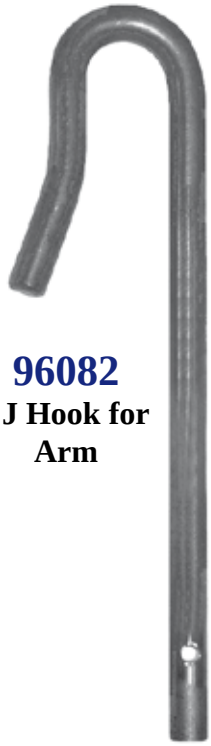
96032 - Repair Kit for CB Regulator

96083
- Counter balance Regulator



96053
- Chain Guide Block

96026
- Claw Chain



96082
- J Hook for Arm

96080
Model B Pulley

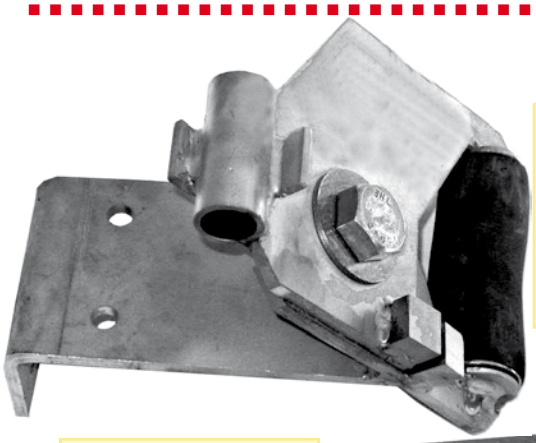
96094
3-Fold Bushing Kits

96095
4-Fold Bushing Kits

For Model B/SB

96096
- Stainless Sensor Bracket

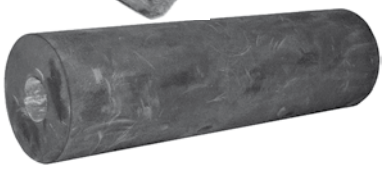
96116
- SS M/A and Start Valve Bracket

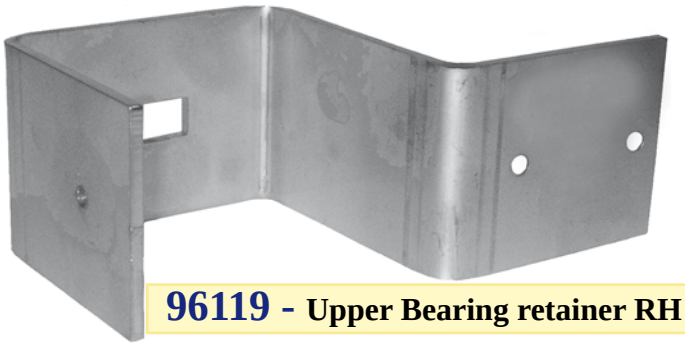


96097
- Automatic Clutch Plate Assembly

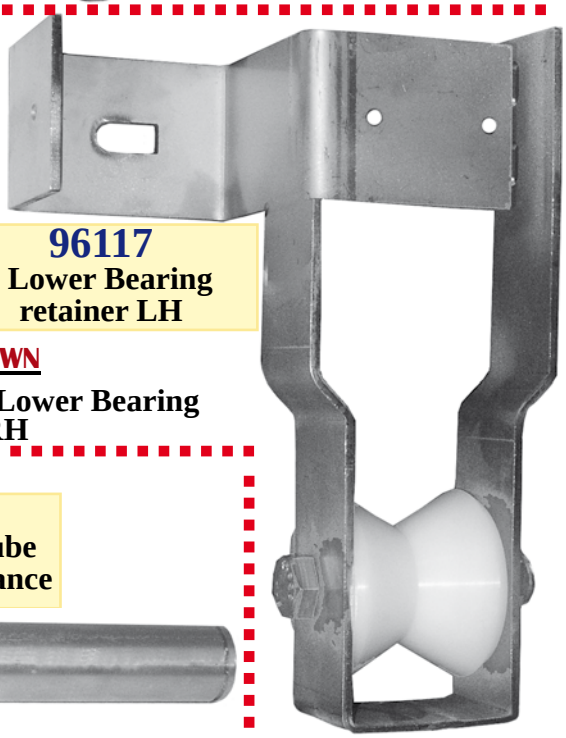
96114
- SS Pulley Assembly for Model B Big Cylinder

96061
- Neoprene Spring





96119 - Upper Bearing retainer RH



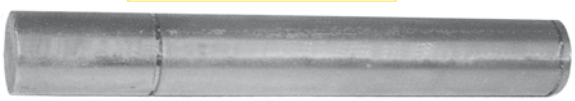
96117
- Lower Bearing retainer LH

Not Shown

96118 - Lower Bearing retainer RH

96122
White Block for CB Cylinder

96136
Pin for Sq. Tube in Counterbalance



NOT SHOWN

96010 - Sq. Nylon Bushing
96013 - Brake Disc
96021 - Counterweight Cable
96091 - Square Tube
96124 - Model B Counterweight - weight guide
96139 - Chain for Model B/SB
96161 - 3 5/8" Arm Pin
96164 - 3 ¼" Arm Pin
96167 - 4 1/8" Arm Pin
96151 - Kit to Rebuild Counterbalance Cylinder

For Model E

96089 - **Chain Cylinder Assembly**

NOT SHOWN

96025 - **Bulk Cable for Model E**
96138 - **Model E Chain**
96076 - **37¾" Cable for Short Cylinder**
97077 - **49¼" Cable for Long Cylinder**

For Model C

96120
Chain Guide for Model C

NOT SHOWN

96140 - **Chain for Model C (RH)**
96141 - **Chain for Model C (LH)**

96121
Model C Pulley

96084
Stainless M/A and Start Valve Bracket

"There is nothing more unhandy, than something handy that does not work."
-- Unknown

"Happiness comes from accepting the present situation, whether it's something you wish to savor as along as possible or change as quickly as you can. Neither is possible without acceptance as the starting point, because without acceptance, you are living on the periphery of your life. There at the edges, you can't fully enjoy the good stuff or do anything about the rest."

-- Victoria Moran - Creating a Charmed Life

"A man without patience; is like a car without brakes."

-- Unknown

"Do not walk behind me, I may not lead. Do not walk in front of me, I may not follow. Just walk beside me and be my friend."

- Native American Saying

"Every day is a GOOD DAY.....some are just better than others."

-- MJ Everhart

"Promise yourself to be so strong that nothing can disturb your peace of mind. To talk health, happiness and prosperity to every person you meet. To make all your friends feel that there is something in them. To look at the sunny side of everything and make your optimism come true. To think only of the best, to work only for the best and expect only the best. To be enthusiastic about the success of others as you are about your own. To forget the mistakes of the past and press on to greater achievements of the future. To wear a cheerful countenance at all times and give every living creature you meet a smile. To give so much time to the improvement of yourself that you have no time to criticise others. To be too large for worry, too noble for anger, too strong for fear and too happy to permit the presence of trouble".

-- Christian D Larson "Your Forces and How to Use Them" 1912

"God grant me the serenity to accept the things I cannot change; courage to change the things I can; and wisdom to know the difference."

--Reinhold Niebuhr

"You cannot prevent birds of sorrow from flying over your head, but you can prevent them from building nests in your hair."

--Chinese proverb

"Let us walk softly on the Earth with all living beings great and small remembering as we go, that one God, kind and wise, created all."

-- Indian Blessing

"When a man's science exceeds his sense, he perishes by his own ignorance."

-- Asian proverb

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E-Zee Milking Equipment, LLC

Here to serve the dairy industry

Notes and Memos

"Customer Service is Our Goal"

E-Zee Milking Equipment, LLC

Here to serve the dairy industry

Notes and Memos

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Orders under $35.00 are subject to a $5.00 handling charge

Quantity	Part Number	Description	Price	Total
			Order Total *(Plus shipping)*	

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3910 E. Newport Road • Gordonville, PA 17529
E-mail: sales@ezmilking.com
Fax 717-768-7791